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MATÉRIAUX POUR LA PALÉONTOLOGIE SUISSE

PUBLIÉS PAR

F.-J. PICTET

PROFESSEUR DE ZOOLOGIE ET D'ANATOMIE COMPARÉE

A L'ACADÉMIE DE GENÈVE.

DESCRIPTION

DES

FOSSILES DU TERRAIN APTIEN

DE LA

PERTE DU RHONE ET DES ENVIRONS DE STE-CROIX

PAR

F.-J. PICTET

et

EUGÈNE RENEVIER

Séries 1. no. 1-4. Plates.

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IMPRIMERIE DE JULES-Gme FICK

1854-1858

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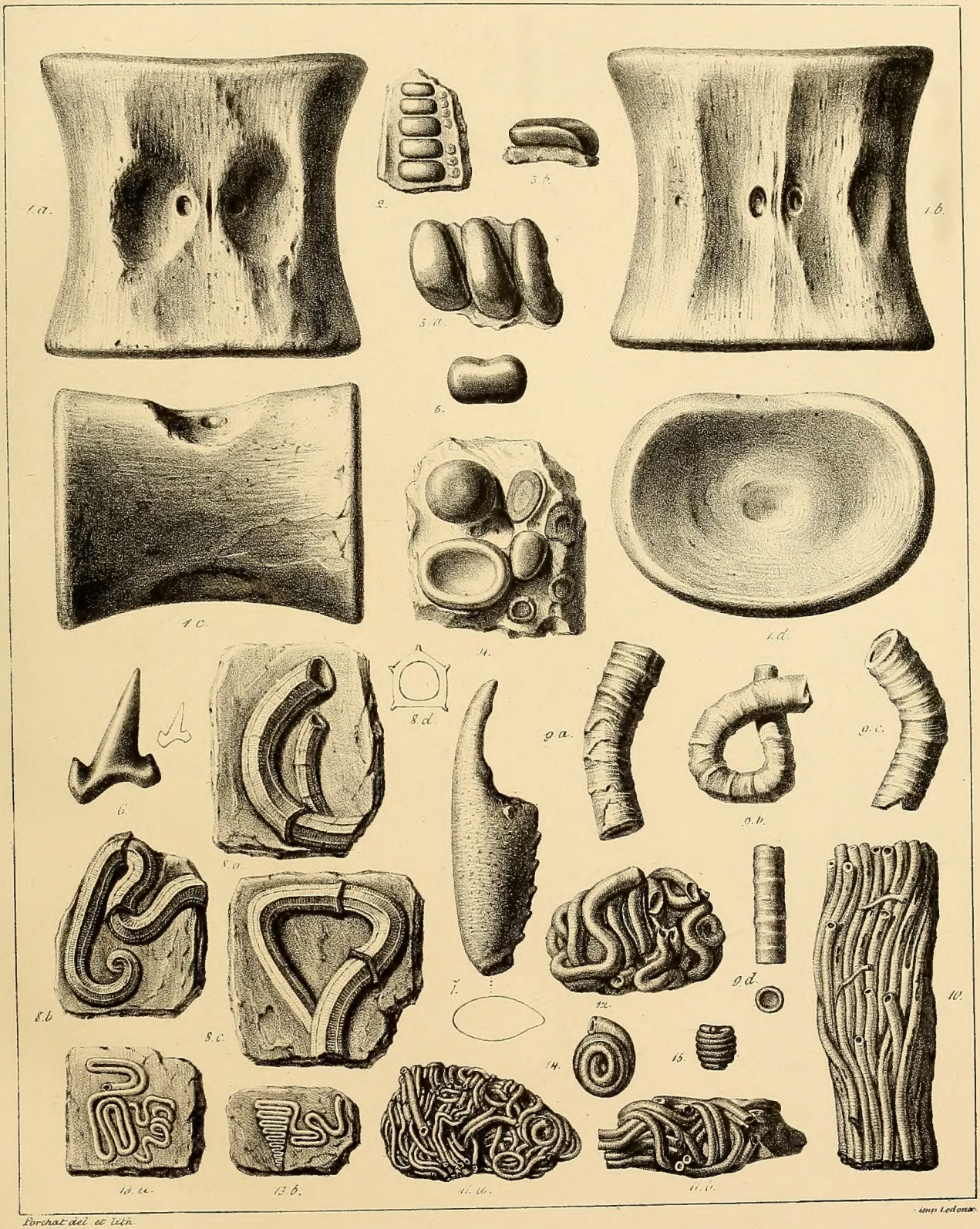


Porchat del. et lith. imp. Ledoux.

Fig. 1. Plesiosaurus Gurgitis, Pict. et Ren. (*inf.*) — Fig. 2 et 3. Pycnodus Munsteri, Ag. (*inf.*) — Fig. 4 et 5. P. complanatus, Ag. (*inf.*) — Fig. 6. Lamma (*inf.*) — Fig. 7. Homarus Latreillei, Rob. Desv. (*inf.*) — Fig. 8. Serpula cincta, Goldf. (*inf.*) — Fig. 9. S. antiquata, Sow. (*sup.*) — Fig. 10 à 15. S. filiformis, Sow. (*inf. et sup.*)

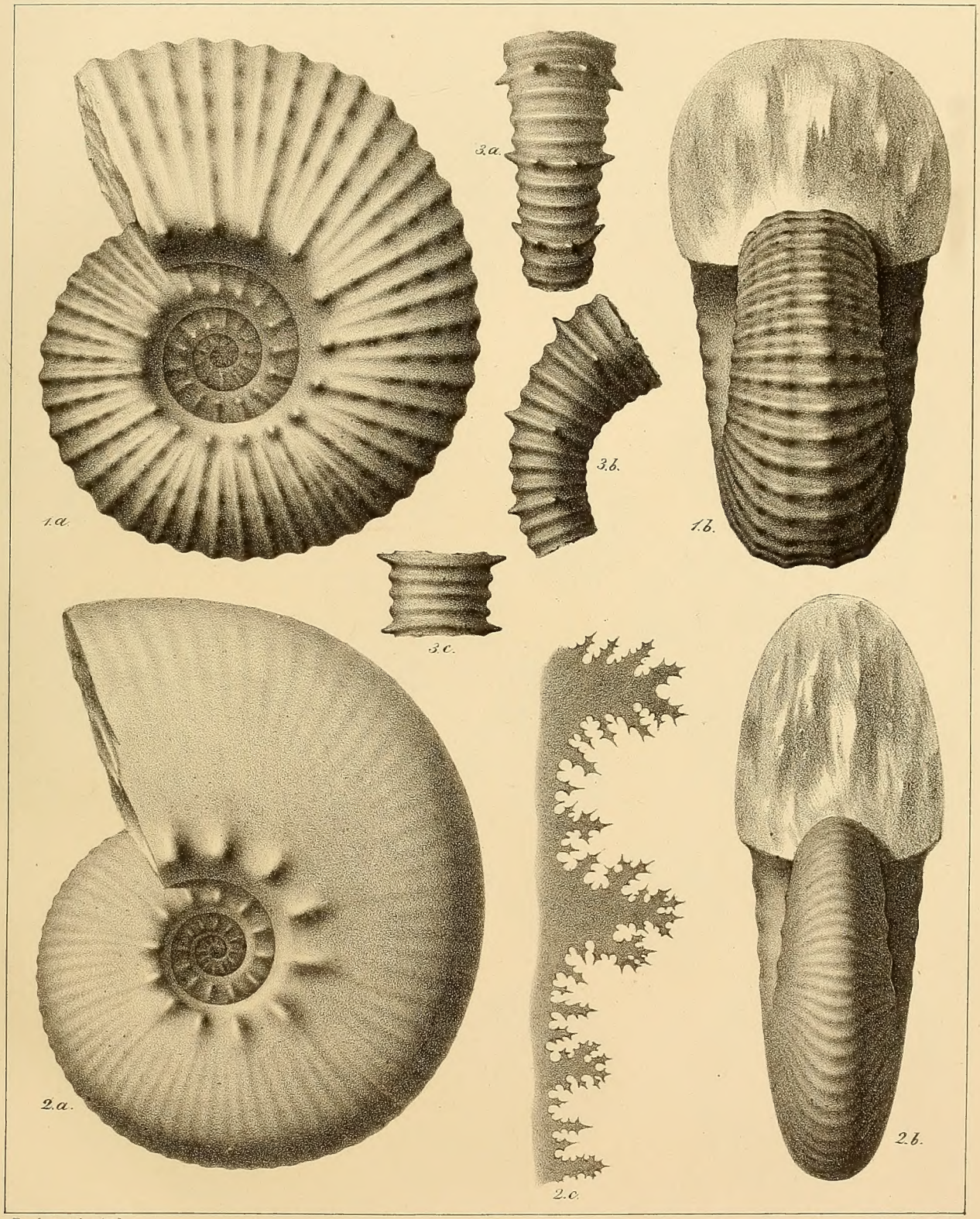
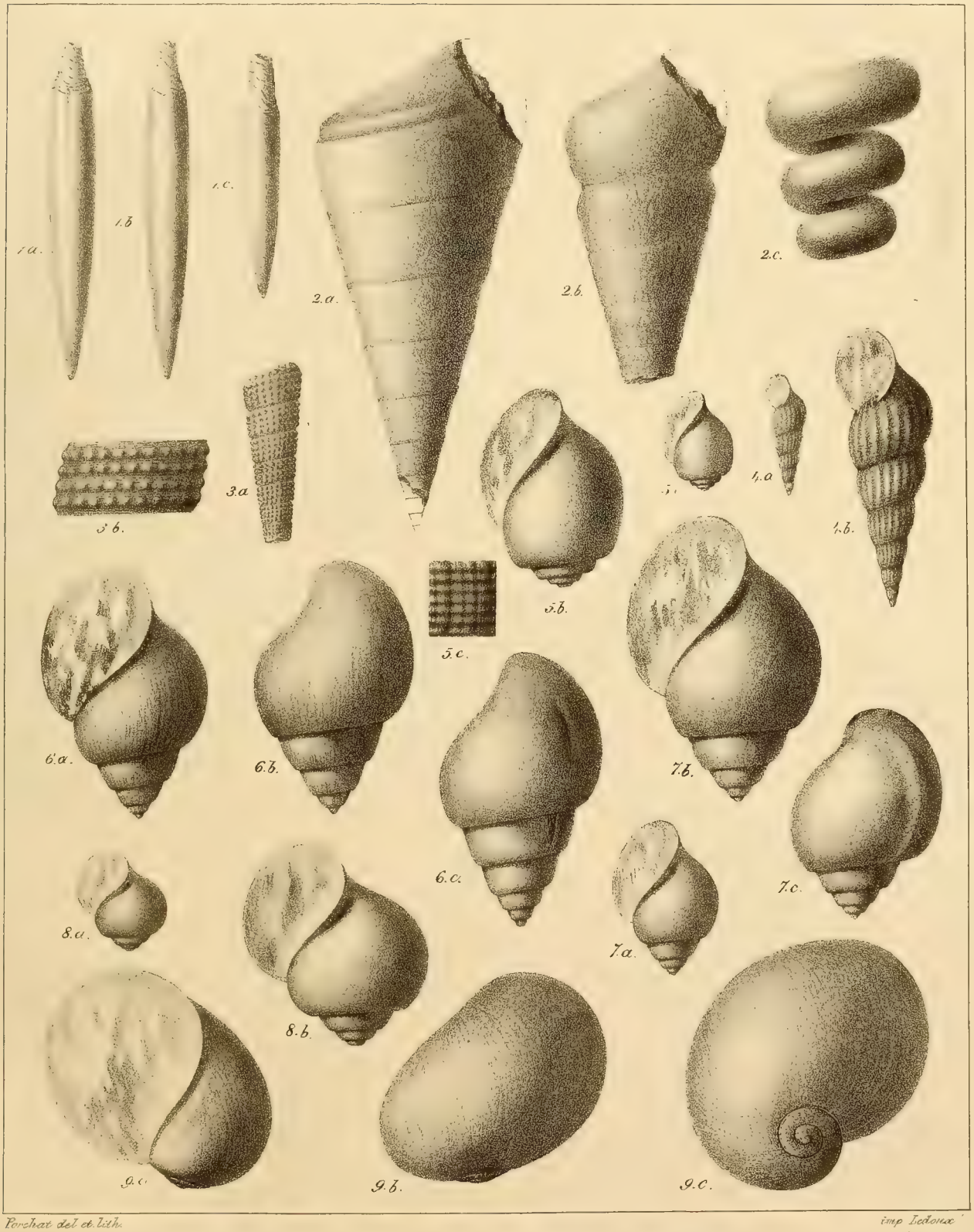


Fig. 1. Ammonites mammillaris, Schl. (*sup.*) — Fig. 2. A. Campichii, Pict. et Renev. (*inf.*)

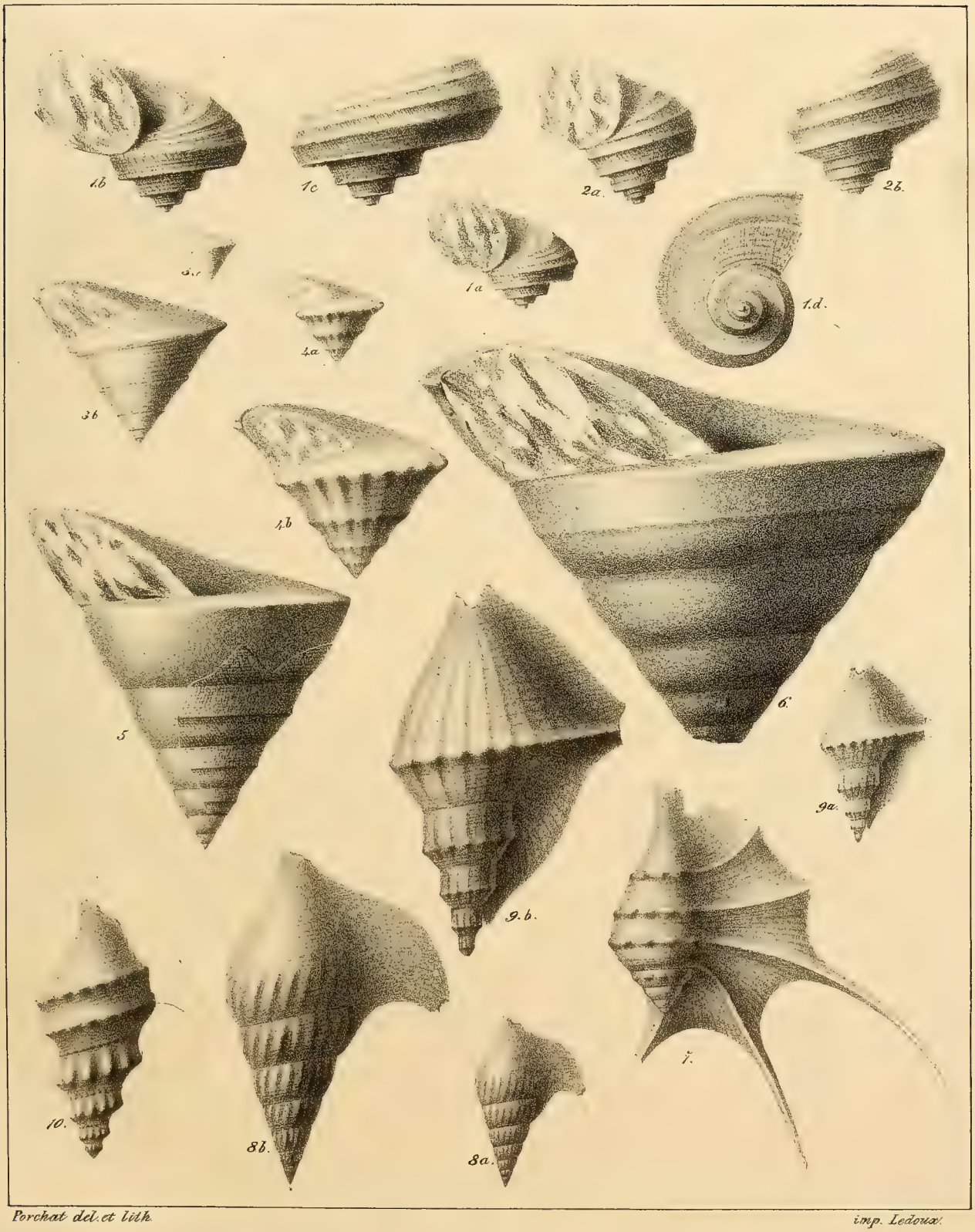
Fig. 3. Toxoceras Lardyi, Pictet et Renev. (*sup.*)

T. Aptien de la Perte du Rhône, etc. Pl. III.



Porchat del. et lith. imp. Ledoux

Fig. 1. Belemnites semicanaliculatus, Blainv. (*inf.*) — Fig. 2. Turritella Helvetica, Pict. et Ren (*inf.*) — Fig. 3. T. Charpentieri, Pict. et Ren. (*inf.*) — Fig. 4. Scalaria Rouxii, Pict. et Ren. (*inf.*) — Fig. 5. Acteonina Chavannesi, Pict. et Ren. (*inf.*) — Fig. 6. Varigera Rochatiana, d'Orb. (*inf.*) — Fig. 7. Natica rotundata, Sow. (*inf.*) — Fig. 8. N. Cornueliana, d'Orb. (*inf.*) — Fig. 9. N. Sueurii, Pict, et Ren. (*inf.*)



Porchat del. et lith. imp. Ledoux.

Fig. 1 et 2. Turbo munitus, Forbes (*inf.* et *sup.*) — Fig. 3. Trochus Razoumowski, Pict. et Ren. (*inf.*) — Fig. 4. T. Couveti, Pict. et Ren. (*inf.*) — Fig. 5 et 6. Pleurotomaria gigantea, Sow. (*sup.*) — Fig. 7. Pterocera Rochatiana, d'Orb. (*inf.*) — Fig. 8. Rostellaria Robinaldina, d'Orb. (*inf.*) — Fig. 9. R. Rouxii, Pict. et Ren. (*inf.*) — Fig. 10. Chenopus Dupinianus, d'Orb. (*inf.*)

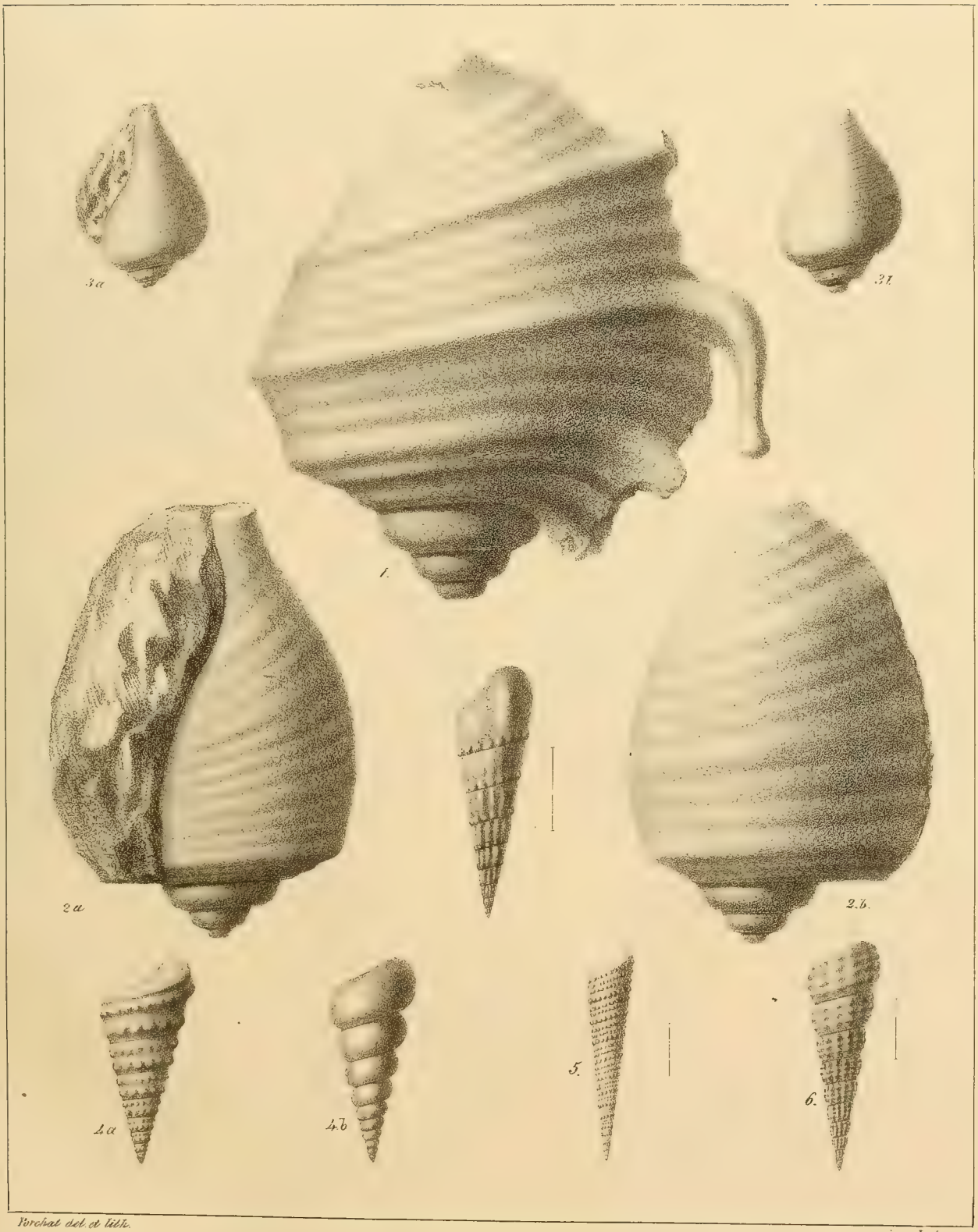


Fig 1 et 2. Pterocera pelagi, Brong. (*inf.*) — Fig. 3. Pyrula Valdensis, Pict. et Ren. (*inf.*) — Fig. 4. Cerithium Heerii, Pict. et Ren. (*inf.*) — Fig. 5. C. Rochati, Pict. et Ren. (*inf.*) — Fig. 6. C. Forbesianum, d'Orb. (*inf.*) — Fig. 7. C. Reynieri, Pict. et Ren. (*inf.*)

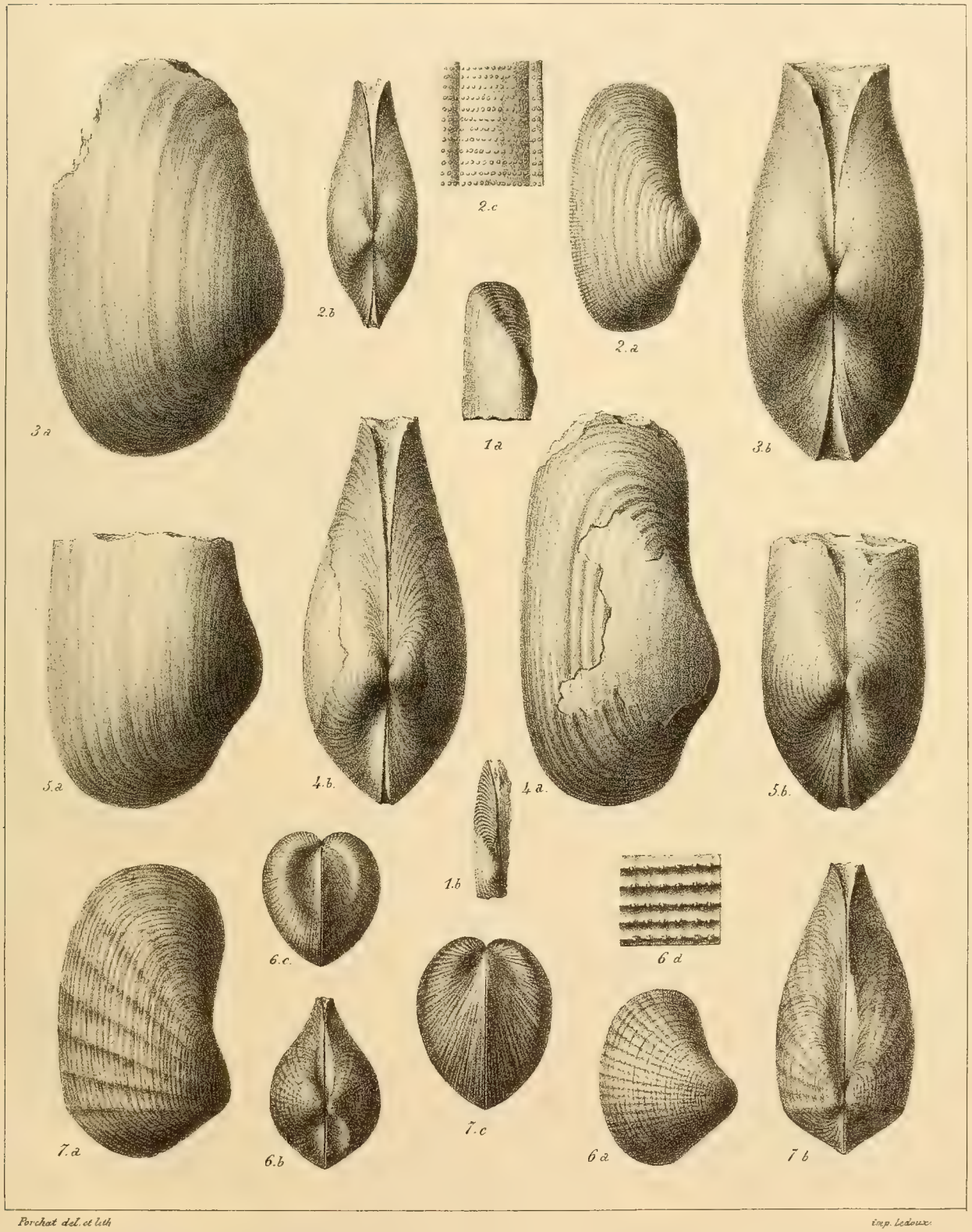
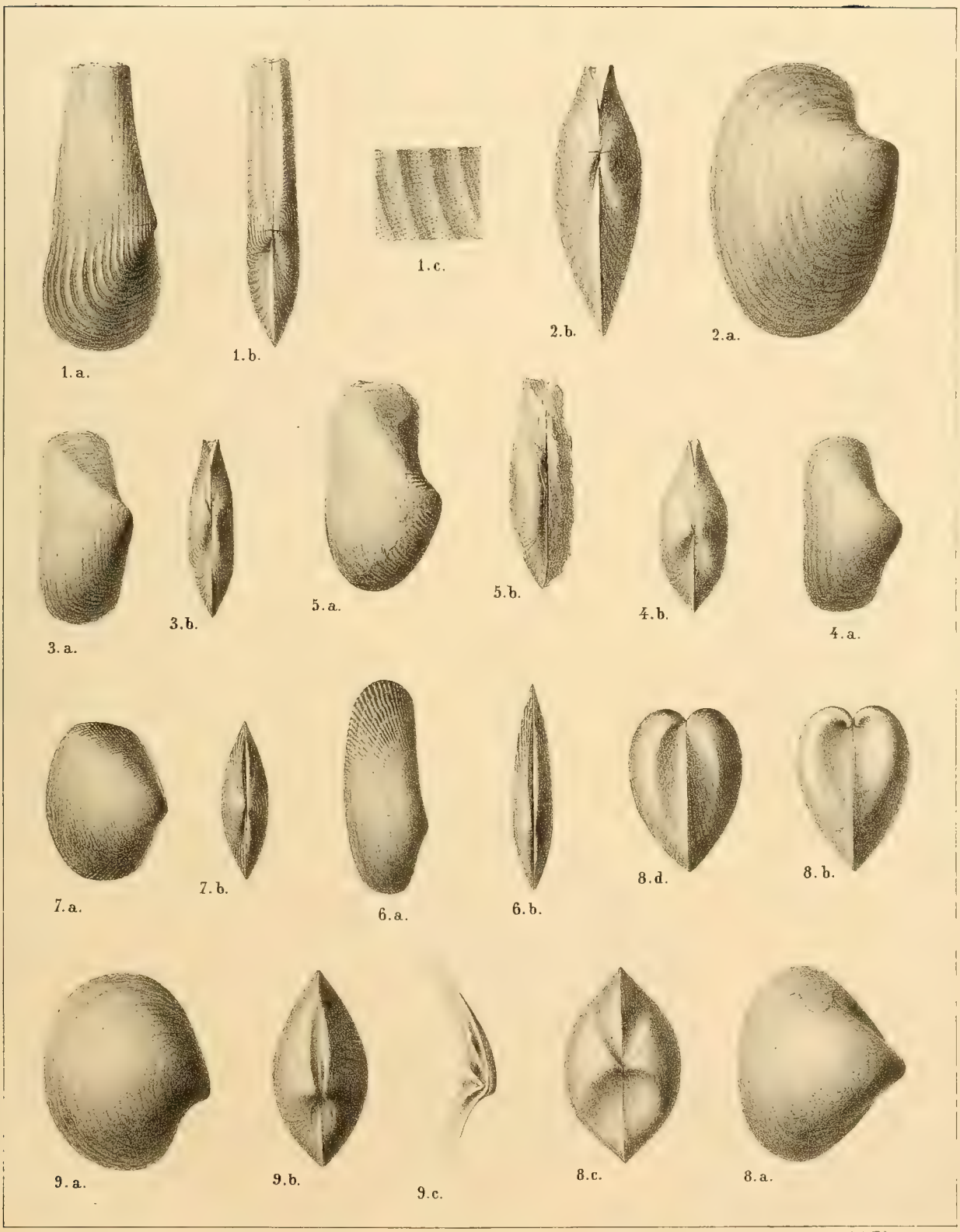
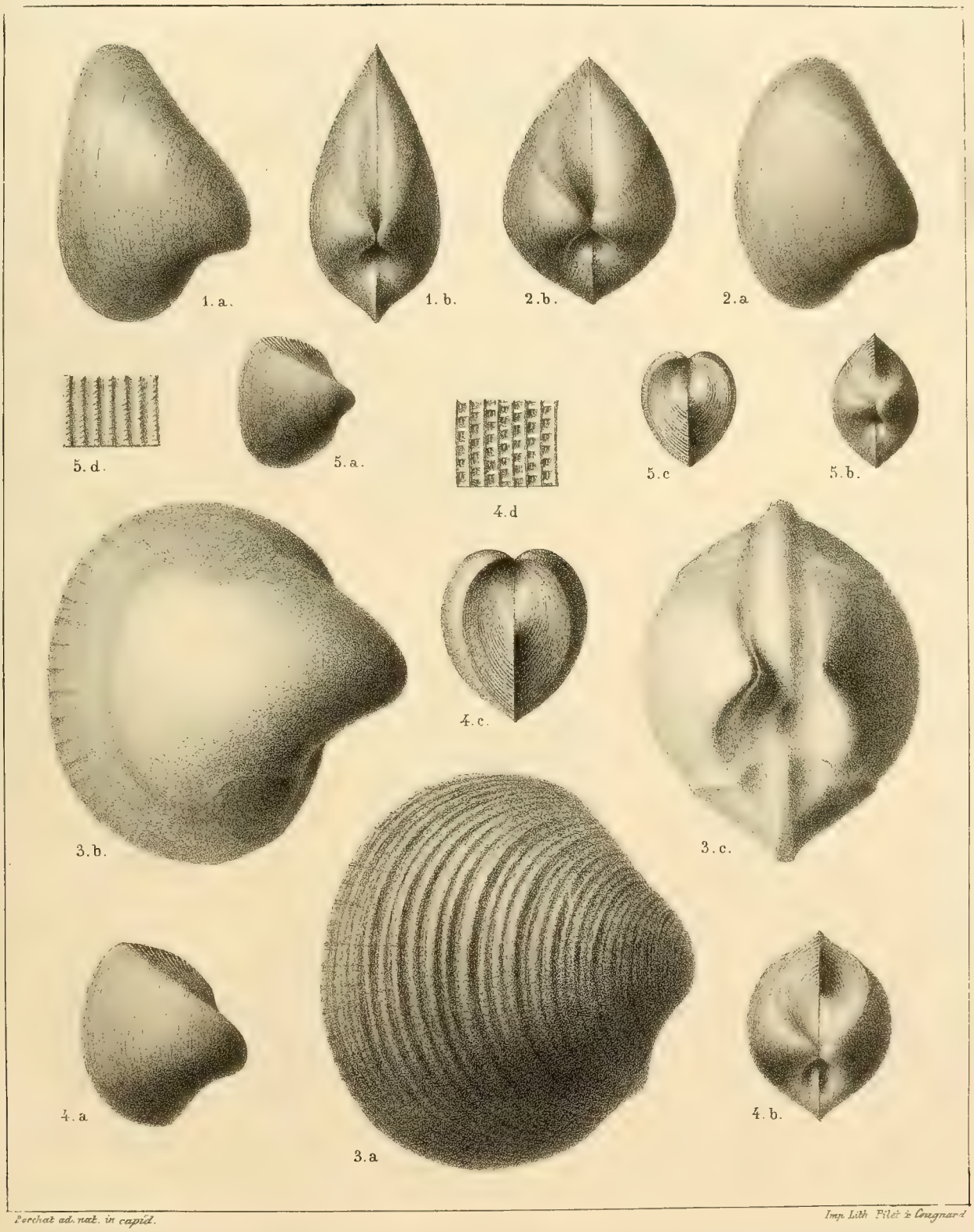


Fig. 1. SOLECURTUS Desori, Pict. et Ren. (*inf.*) — Fig. 2 et 3. PANOPÆA neocomensis, (Leym.) d'Orb. (*inf.*) — Fig. 4 et 5. P. plicata, (Sow.) Forbes (*inf. et sup.*) — Fig. 6. PHOLADOMYA Cornueliana, d'Orb. (*inf.*) — Fig. 7. — P. pedernalis, Roëmer (*inf.*).



Imp. Lith. Pilet & Cougnard.

Fig. 1. Anatina Robinaldina, d'Orb. (*inf.*) — Fig. 2. A. Heberti, Pict. et Ren. (*inf.*) — Fig. 3. Thracia subangulata, Desh. (*inf.*) — Fig. 4. T. Couloni, Pict. et Ren. (*inf.*) — Fig. 5. T. Archiaci, Pict. et Ren. (*inf.*) — Fig. 6. Psammobia Studeri, Pict. et Ren. (*inf.*) — Fig. 7. Arcopagia subconcentica, d'Orb. (*inf.*) — Fig. 8. Mactra Montmollini, Pict. et Ren. (*inf.*) — Fig. 9. Venus vendoperana, (Leym.) d'Orb. (*inf.*)



Perchat ad. nat. in capid. Imp. Lith. Pilet & Cougnard

Fig. 1 et 2. Cyprina Saussuri, (Brong.) Pict. et Renev. (*sup. et inf.*) — Fig. 3. Corbis corrugata, (Sow.) Forbes (*sup. et inf.*) — Fig. 4. Cardium Forbesi, Pict. et Renev. (*inf.*) — Fig. 5. Cardium bellegardense, Pict. et Renev. (*inf.*)

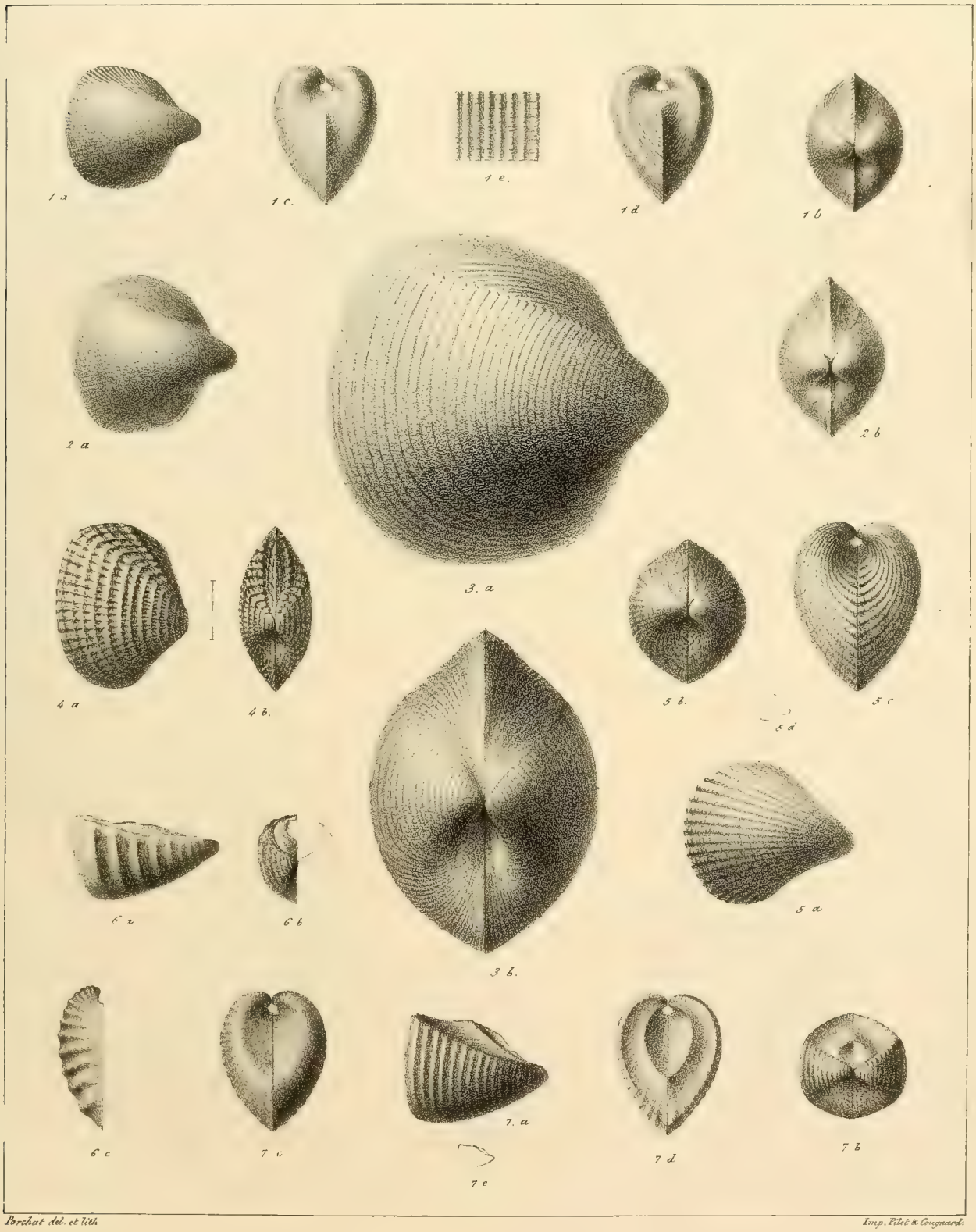


Fig 1 et 2. CARDIUM IBBETSONI, Forbes (*inf.*) — Fig. 3. CARDIUM SPHÆROIDEUM, Forbes (*sup. et inf.*) — Fig. 4 CARDITA FENESTRATA, (Forbes) d'Orb. (*inf.*) — Fig. 5. CARDITA MERIANI, Pict. et Renev. (*inf.*) — Fig. 6. OPIS MAYORI, Pict. et Renev (*inf.*) — Fig, 7. OPIS NEOCOMIENSIS, d'Orb. (*inf.*)

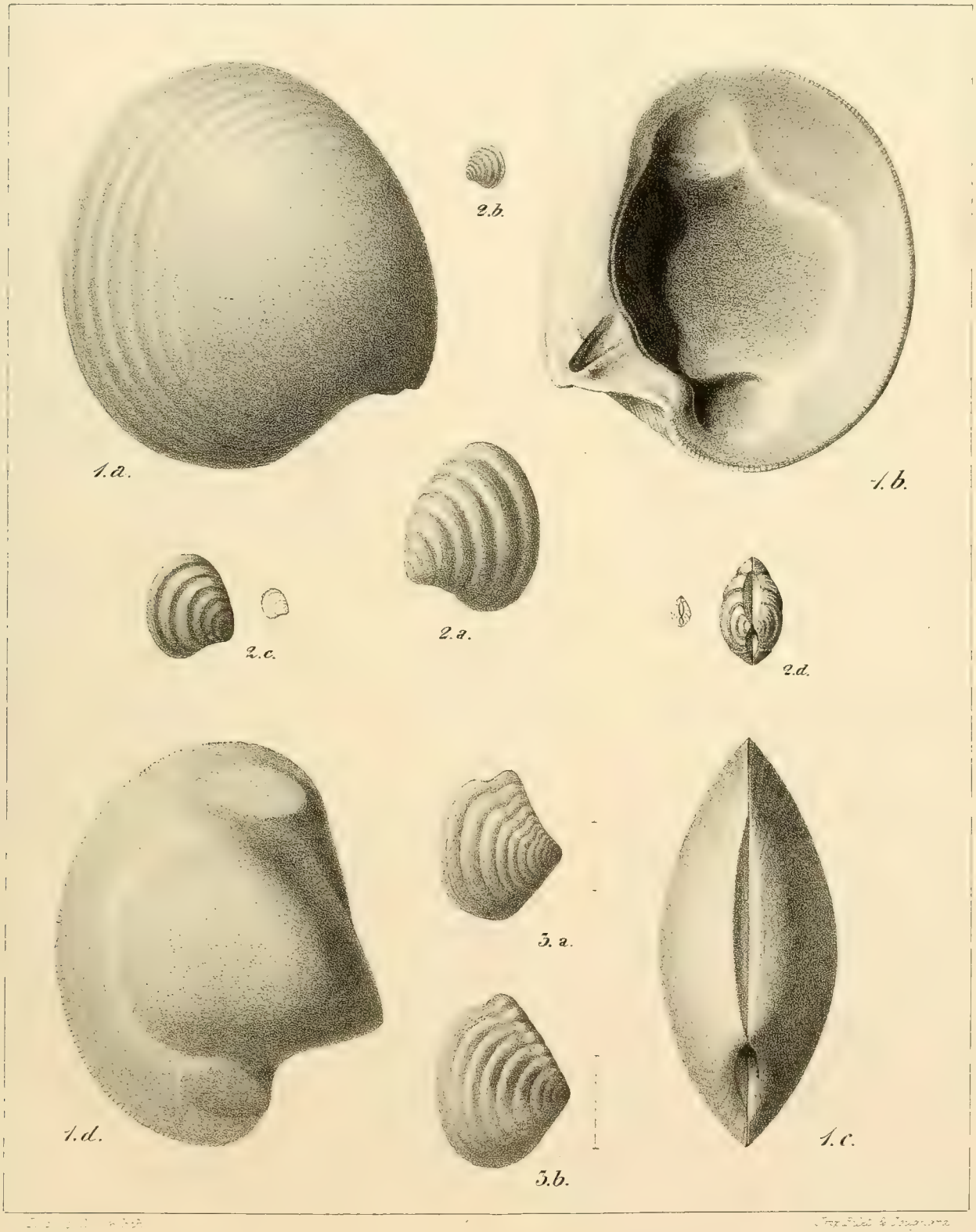


Fig. 1. Astarte Buchi, Roemer (*inf.*) - Fig 2. A. laticosta, Desh (*inf.*) -
Fig. 3. A. sinuata, d'Orb. (*inf.*)

T. Aptien de la Perte du Rhône, etc. Pl. XI.

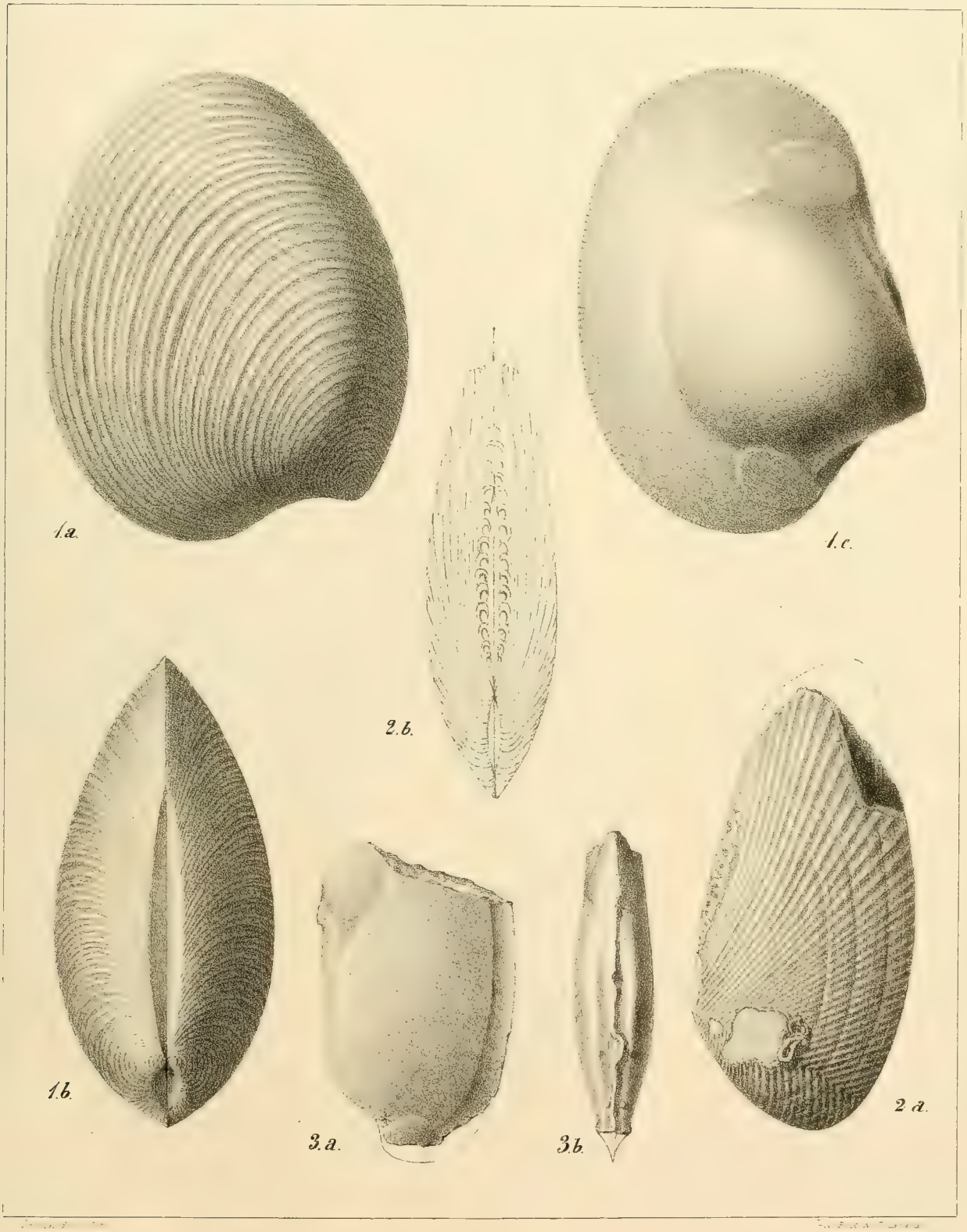


Fig. 1. Astarte obovata, Sow. (*sup.*) — Fig. 2 et 3. Crassatella Robinaldina, d'Orb. (*sup.*)

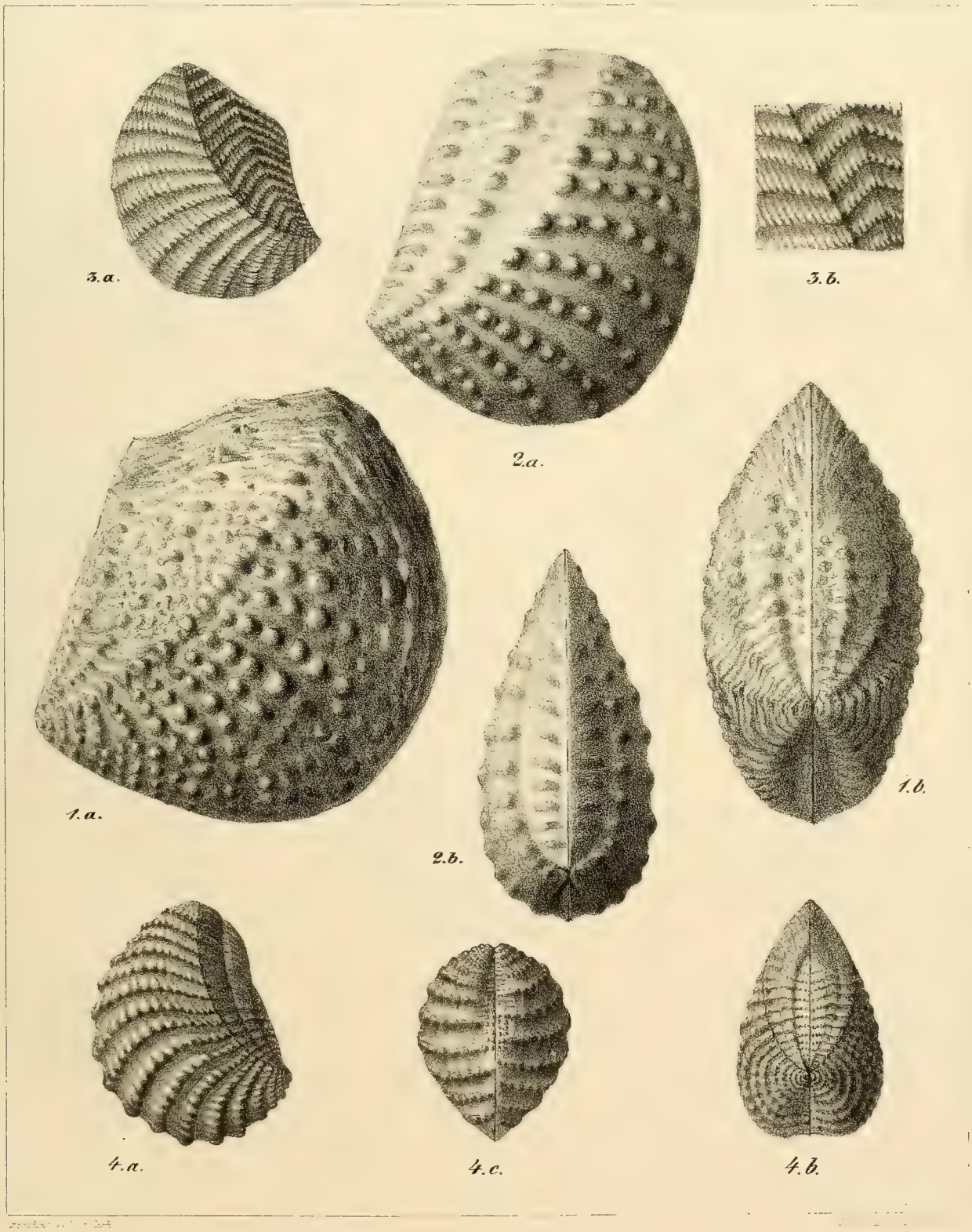


Fig. 1. Trigonia dædalea, Park. (*inf.*) – Fig. 2. T. nodosa, Sow. (*sup.*)
Fig. 3. T. Archiaciana, d'Orb. (*sup.*) – Fig. 4. T. ornata, d'Orb. (*inf.*)

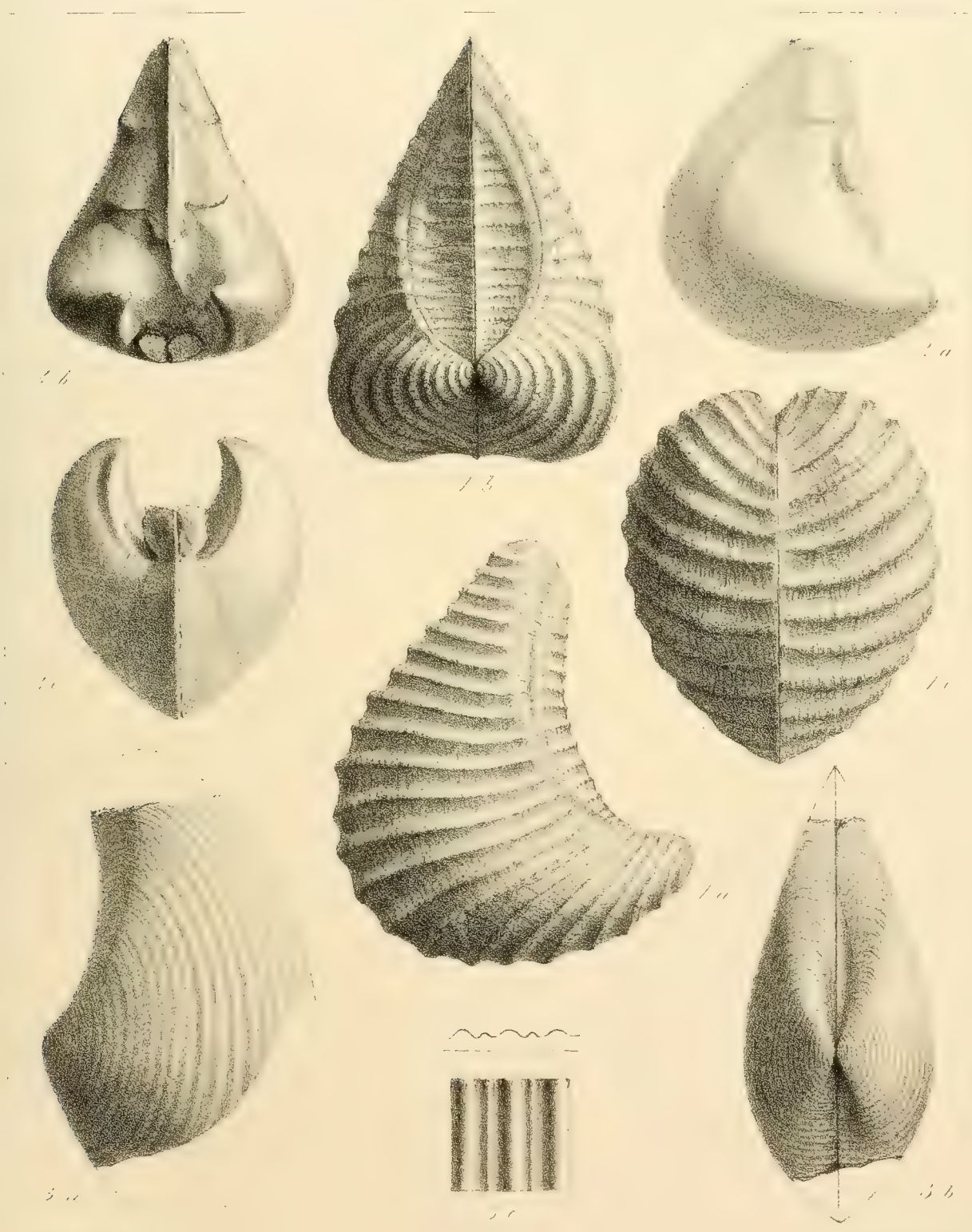
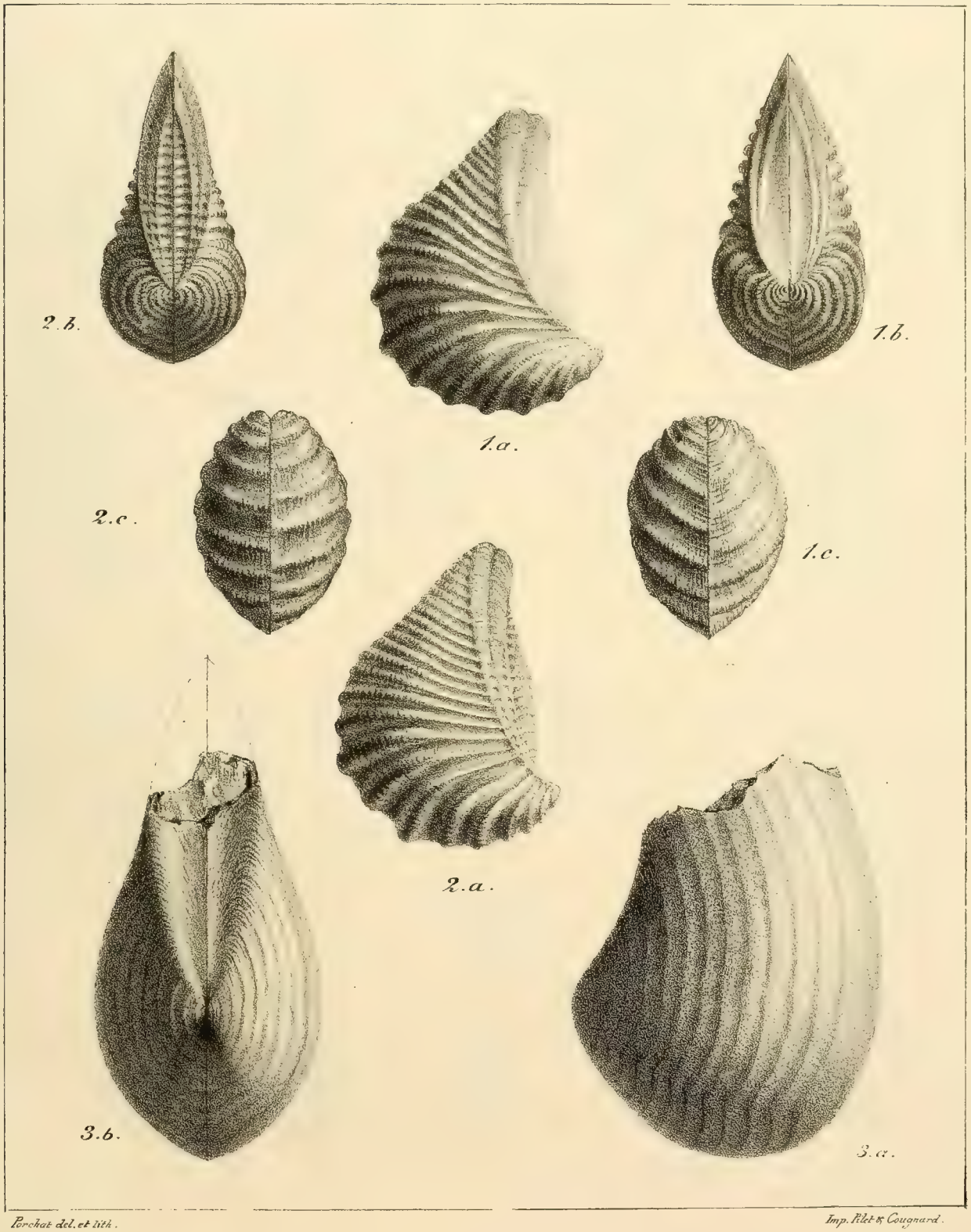


Fig. 1. — Trigonia caudata, Agass. *(inf. et sup.)*
Fig. 2. — Trigonia Coquandiana, d'Orb. *(inf.)*

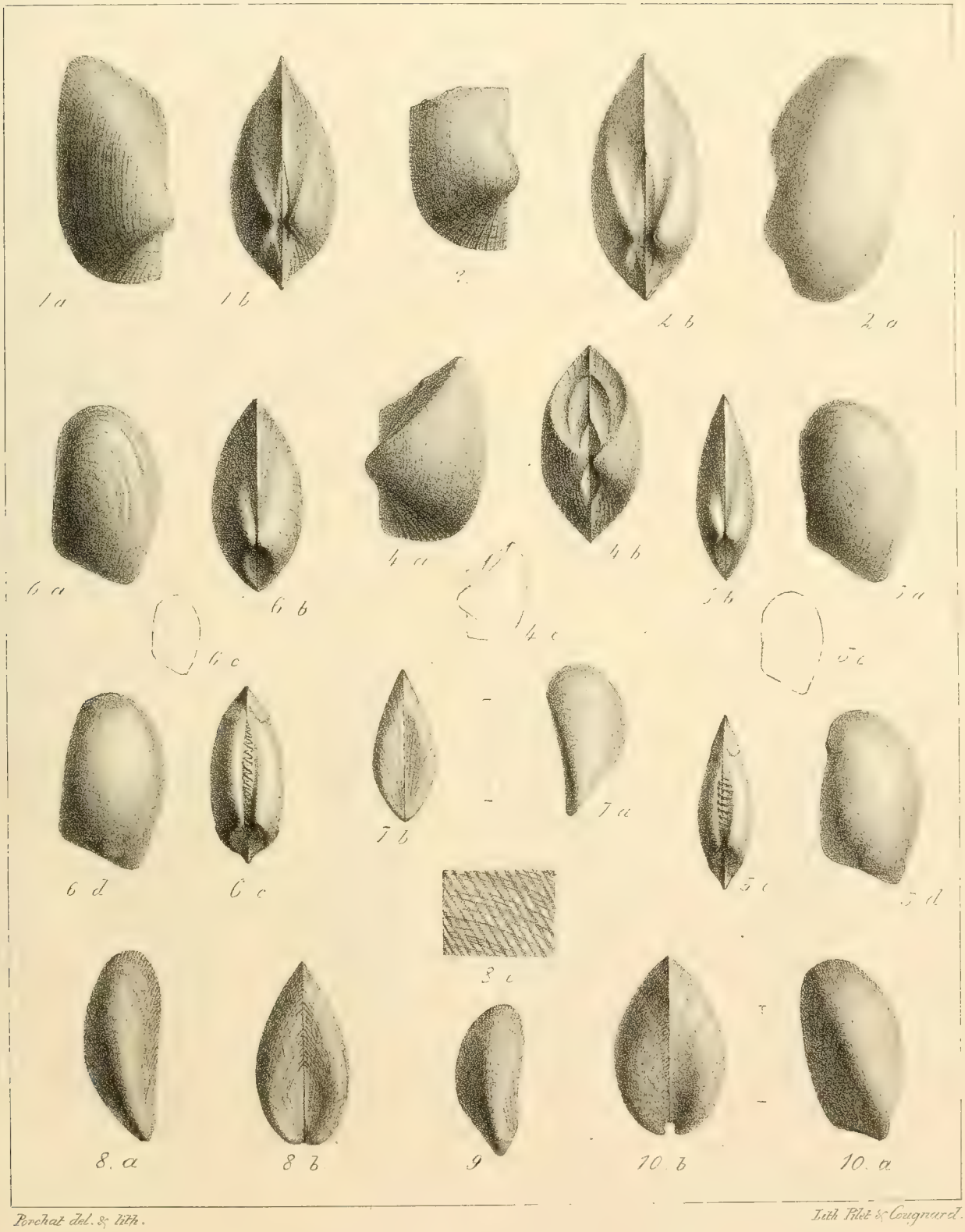


Perchat del. et lith. Imp. Pilet & Cougnard.

Fig. 1 et 2. TRIGONIA aliformis, Parkinson *(sup.)*

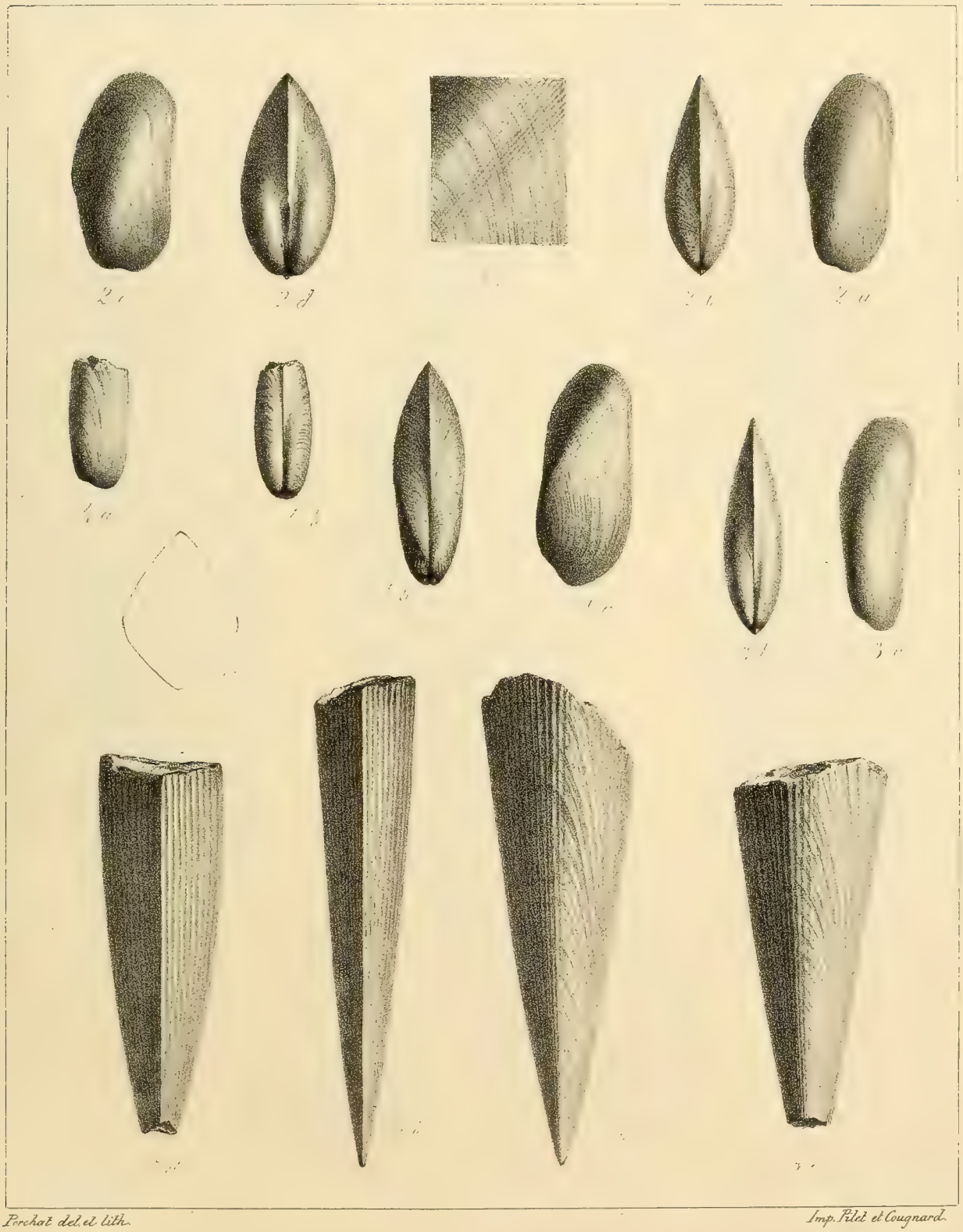
Fig. 3. TRIGONIA longa, Agass. *(inf. et sup.)*

T. Aptien de la Perte du Rhône, etc. Pl. XV.



Porchat del. & lith. Lith Pilet & Cougnard.

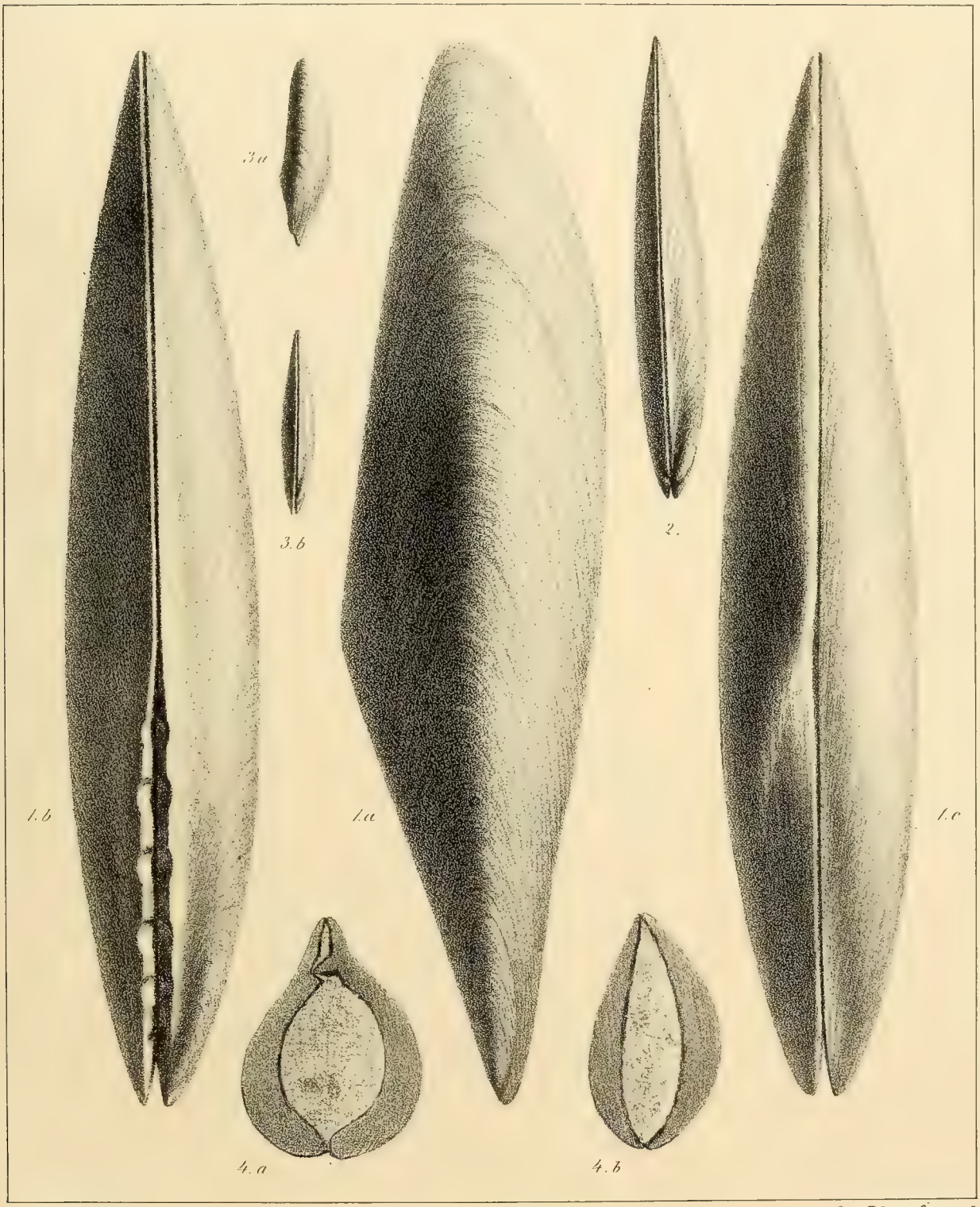
Fig. 1-3. — Arca Raulini, *(Leym.)* d'Orb. *(inf.)* — Fig. 4. — Arca Robinaldina, d'Orb. *(inf.)* —
Fig. 5 et 6. — Nucula impressa, J. Sow. *(inf.)* — Fig. 7. — Mytilus lanceolatus, J. Sow. *(inf.)* —
Fig. 8 et 9. — Mytilus sublineatus, d'Orb. *(inf. et sup.)* —
Fig. 10. — Mytilus bellus, *(J. Sow.)* Forbes *(inf.)* —



Porchat del. et lith. Imp. Pilet et Cougnard.

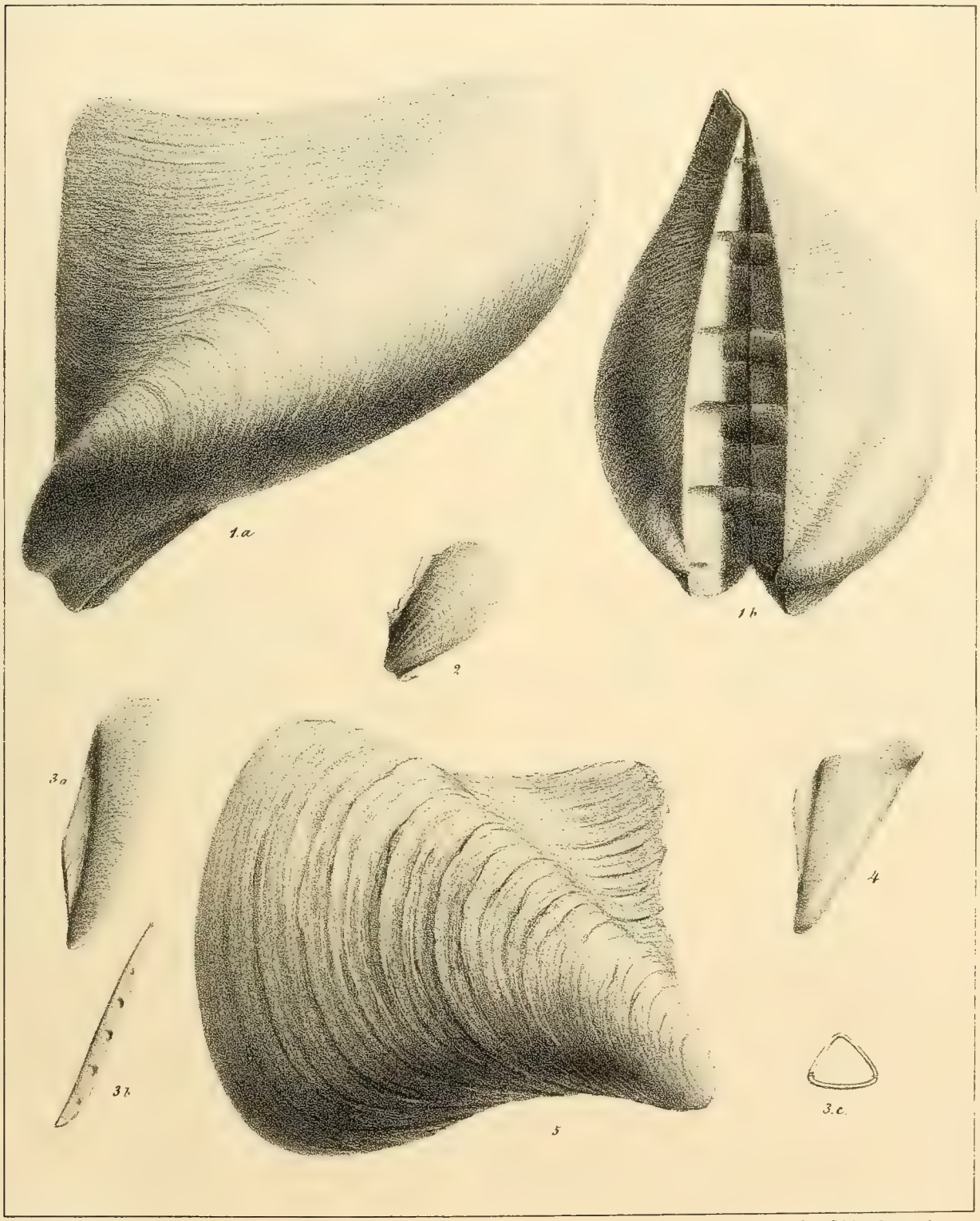
Fig. 1. Mytilus Fittoni, d'Orb. (*inf.*) – Fig. 2. Mytilus aequalis, (Sow.) d'Orb. (*inf.*)
Fig. 3. Mytilus subsimplex, d'Orb. (*inf.*) – Fig. 4. Lithodomus oblongus, d'Orb.
Fig. 5 Pinna Robinaldina, d'Orb. (*inf.*)

T. APTIEN DE LA PERTE DU RHÔNE, etc. Pl. XVII.



Porchat del. et lith. Imp. Pilet et Cougnard.

GERVILIA ANCEPS, DESHAYES.

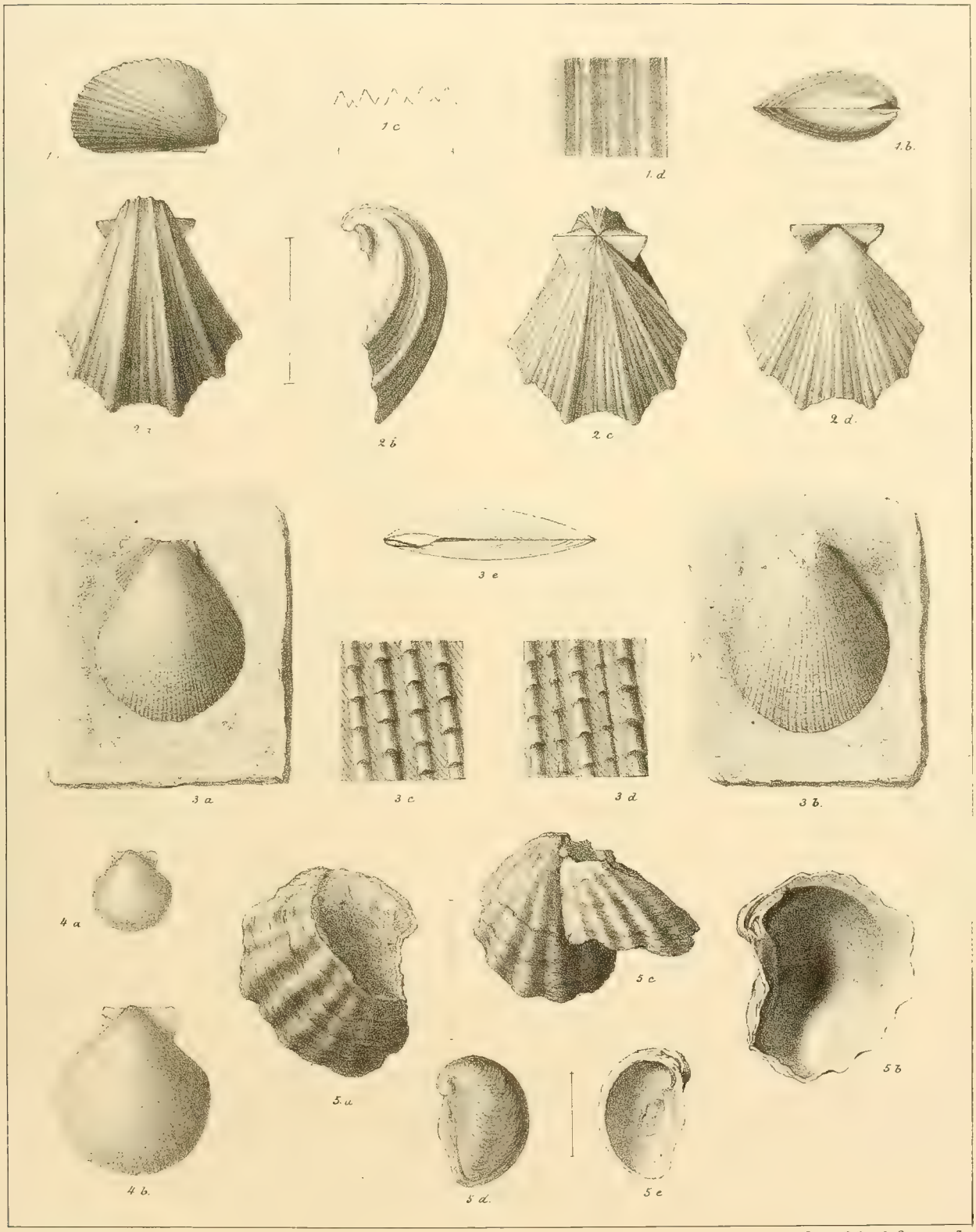


Porchat, del. et lith. Impr. Pilet et Cougnard.

Fig. 1. Gervilia aliformis, (Sow.) d'Orb. *(sup.)* - Fig. 3 et 4. Gervilia linguloides, Forbes *(inf.)*.

Fig. 5. Perna Bourgueti, Pict. et Ren. *(sup.)*.

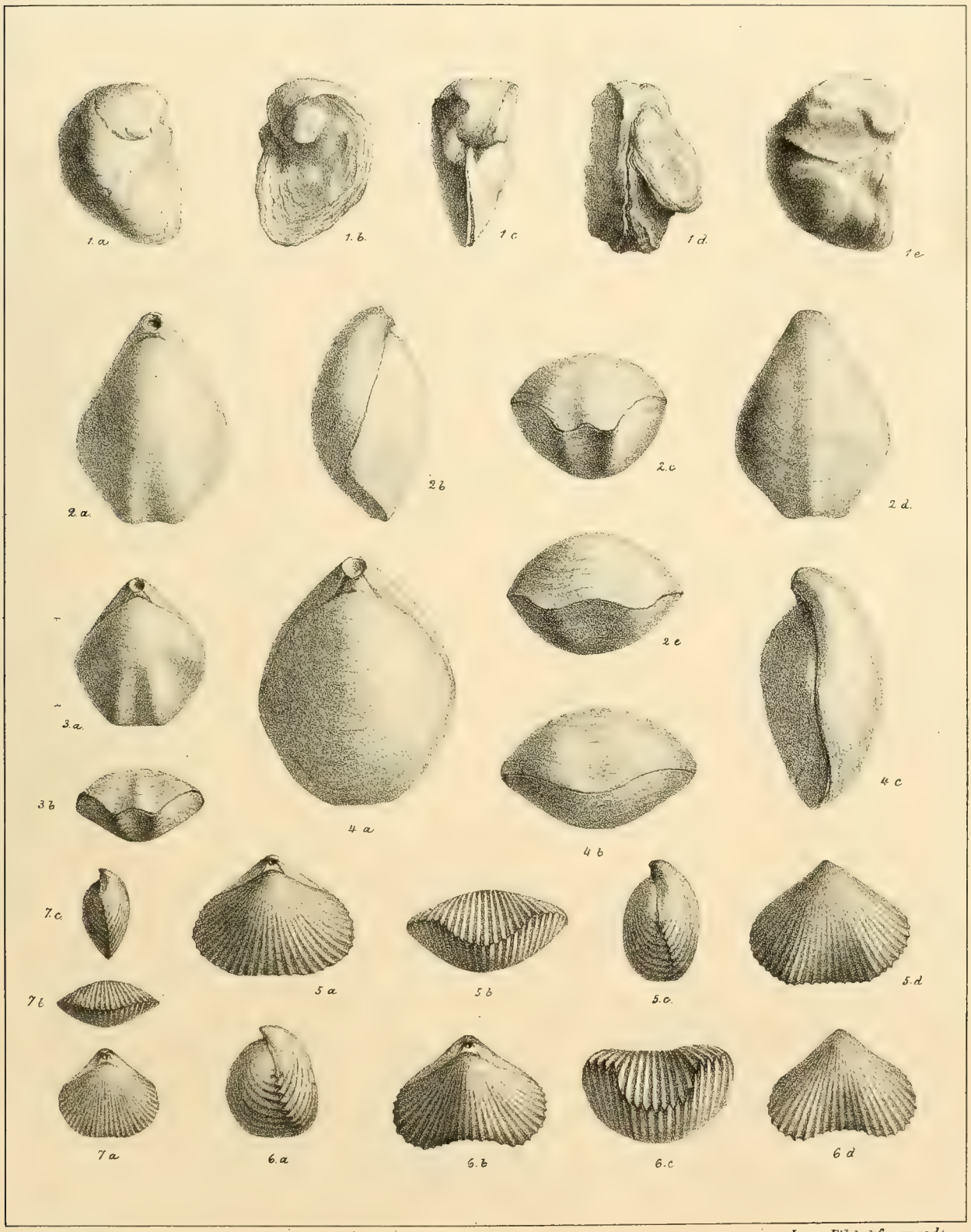
T. Aptien de la Perte du Rhône, etc. Pl. XIX.



Porchat, lith. Impr Pilet & Cougnard.

Fig. 1. Lima parallela, (Sow.) Morris (*inf. & sup.*) – Fig. 2. Janira Morrisi, Pict. et Ren. (*inf. & sup.*) Fig. 3. Pecten Dutemplei, d'Orb. (*sup.*) — Fig. 4. Pecten Greppini, Pict. et Ren. (*inf.*) – Fig. 5. Ostrea Boussingaulti, d'Orb. (*inf.*)

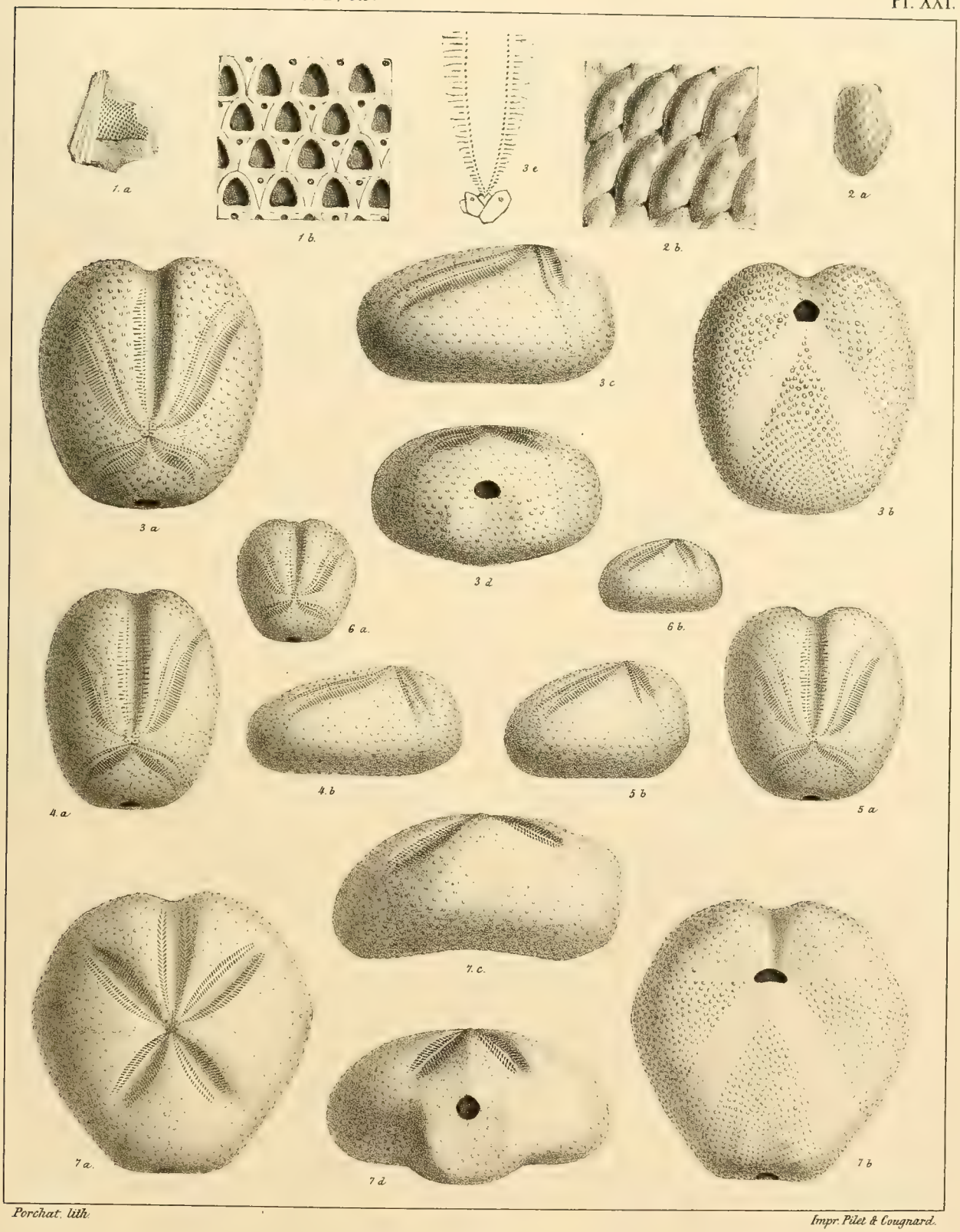
T. APTIEN DE LA PERTE DU RHÔNE, etc. Pl. XX.



Porchat, lith. Impr. Pilet et Cougnard.

Fig. 1. OSTREA conica (Sow.) d'Orb. (*sup.*) – Fig. 2. TEREBRATULA biplicata (Brocchi) Sow. (*sup.*) – Fig. 3. TEREBRATULA sella, Sow. (*inf.*) – Fig. 4. TEREBRATULA depressa, Lamarck (*sup.*) – Fig. 5 à 7. RHYNCHONELLA Gibbsiana (J. Sow.) Davidson (*inf. et sup.*).

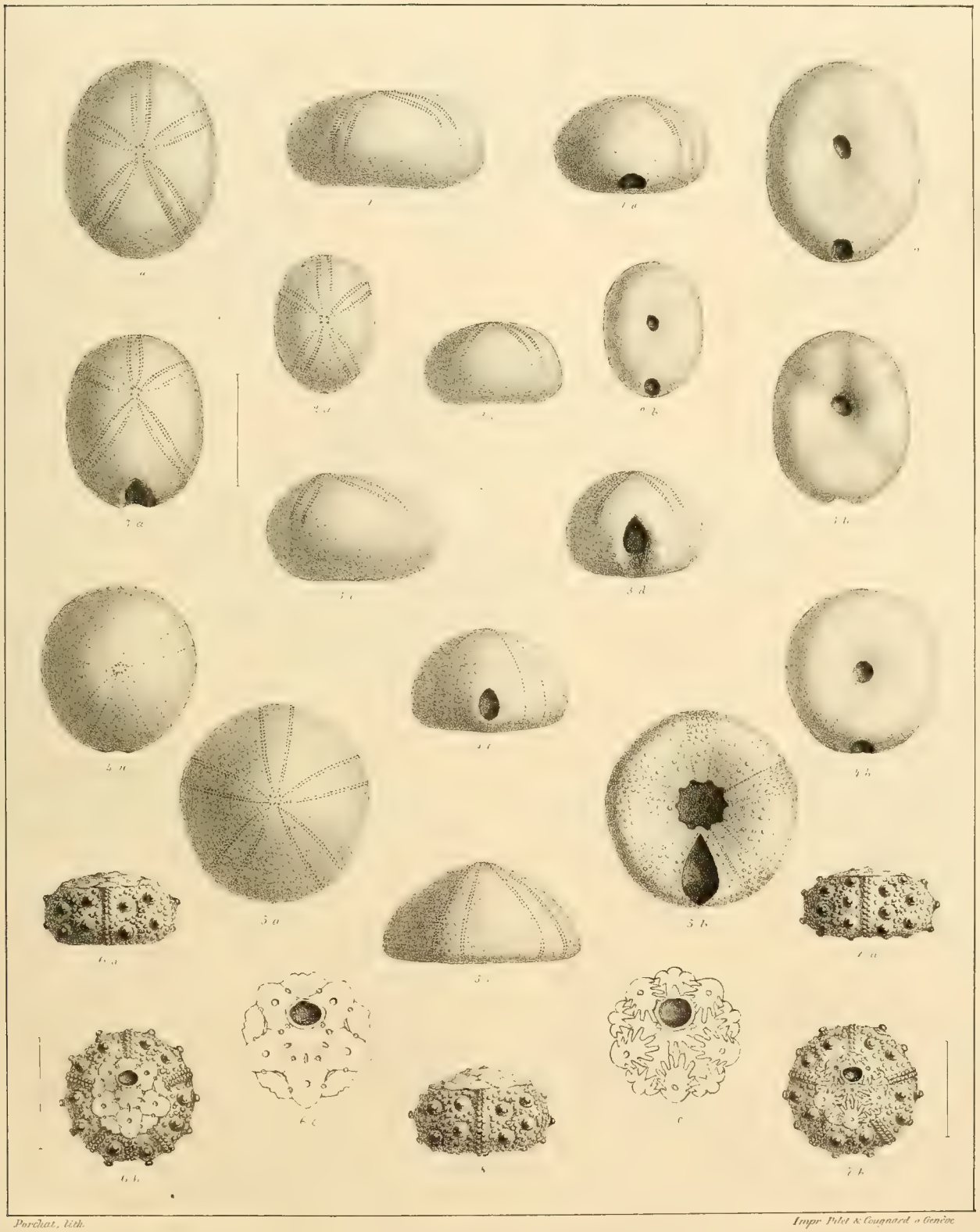
T. Aptien de la Perte du Rhône, etc. Pl. XXI.



Porchat. lith. Impr. Pilet & Cougnard.

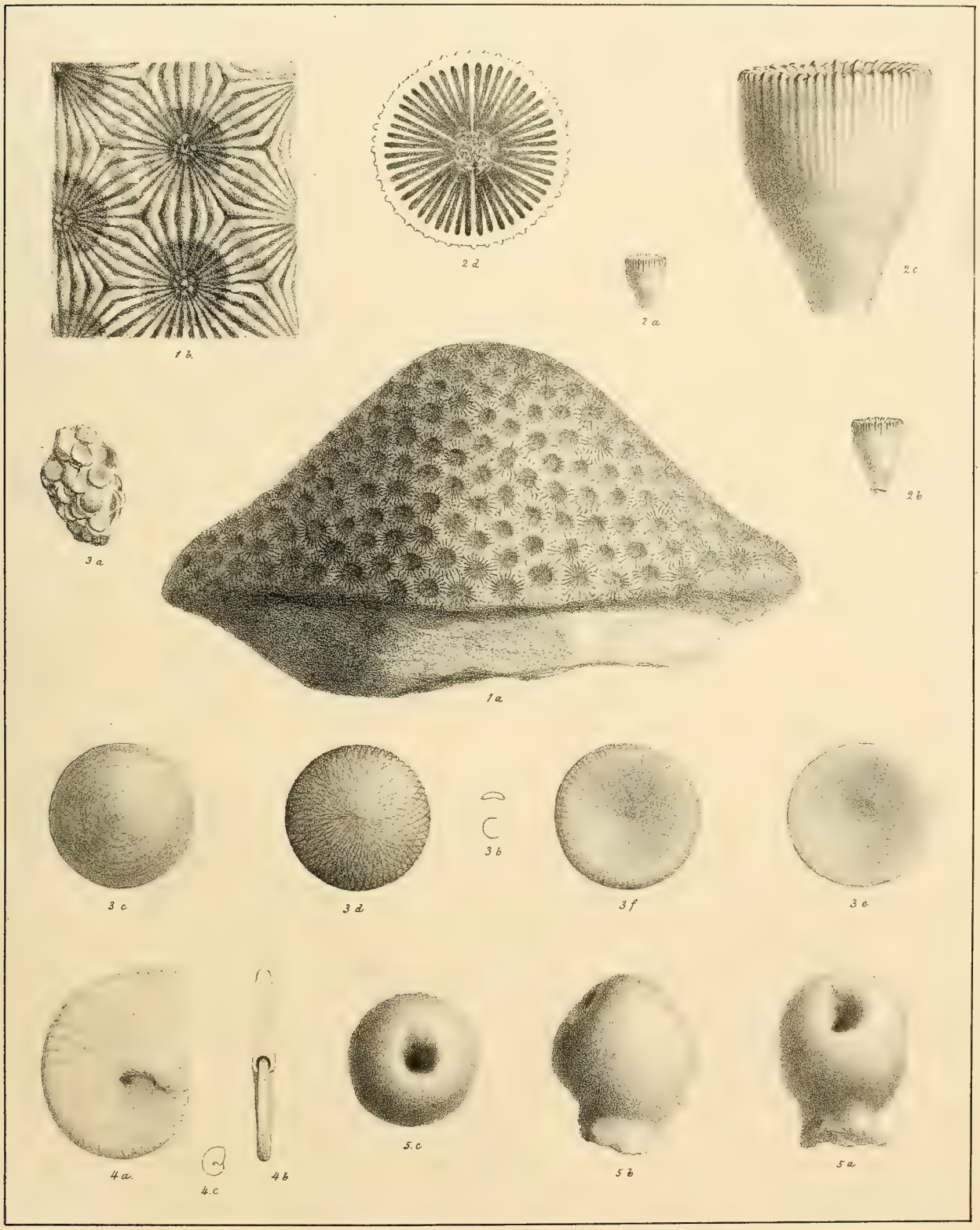
Fig. 1. Flustrella Rhodani, Pict. et Ren. (*sup.*) — Fig. 2. Bryozoaire indéterminé (*inf.*) — Fig. 3 à 6. Heteraster oblongus, (de Luc) d'Orb. (*inf.*) — Fig. 7. Epiaster polygonus, (Agassiz) d'Orb. (*sup.*).

T. Aptien de la Perte du Rhône, etc. Pl. XXII.



Porchat, lith. Impr. Pilet & Cougnard à Genève

Fig. 1 et 2. Pygaulus ovatus, Agassiz (*inf.*) — Fig. 3. Trematopygus excentricus, Pict. et Ren. (*sup*) Fig. 4. Galerites Gurgitis, Pict. et Ren. (*sup.*) — Fig. 5. Holectypus similis, Desor (*inf.*) — Fig. 6. Salenia prestensis, Desor (*inf.*) — Fig. 7 et 8. Salenia Triboleti, Desor (*inf. et sup.*). —



Porchat, lith. Impr. Pilet & Cougnard, à Genève.

Fig. 1. Thamnastrea Pilleti, Pict. et Ren. (*inf.*) — Fig. 2. Parasmilia aptiensis, Pict. et Ren. (*sup.*) — Fig. 3. Orbitolina lenticularis, (Blum.) d'Orb. (*inf.*) — Fig. 4. Operculina cruciensis, Pict. et Ren. (*inf.*) — Fig. 5. Siphonia rhodaniensis, Pict. et Ren. (*inf.*) —

MATÉRIAUX POUR LA PALÉONTOLOGIE SUISSE

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F.-J. PICTET

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MÉMOIRE

SUR LES

ANIMAUX VERTÉBRÉS

TROUVÉS

DANS LE TERRAIN SIDÉROLITIQUE DU CANTON DE VAUD

ET APPARTENANT A LA FAUNE ÉOCÈNE

PAR

F.-J. PICTET,

C. GAUDIN & PH. DE LA HARPE

GENÈVE

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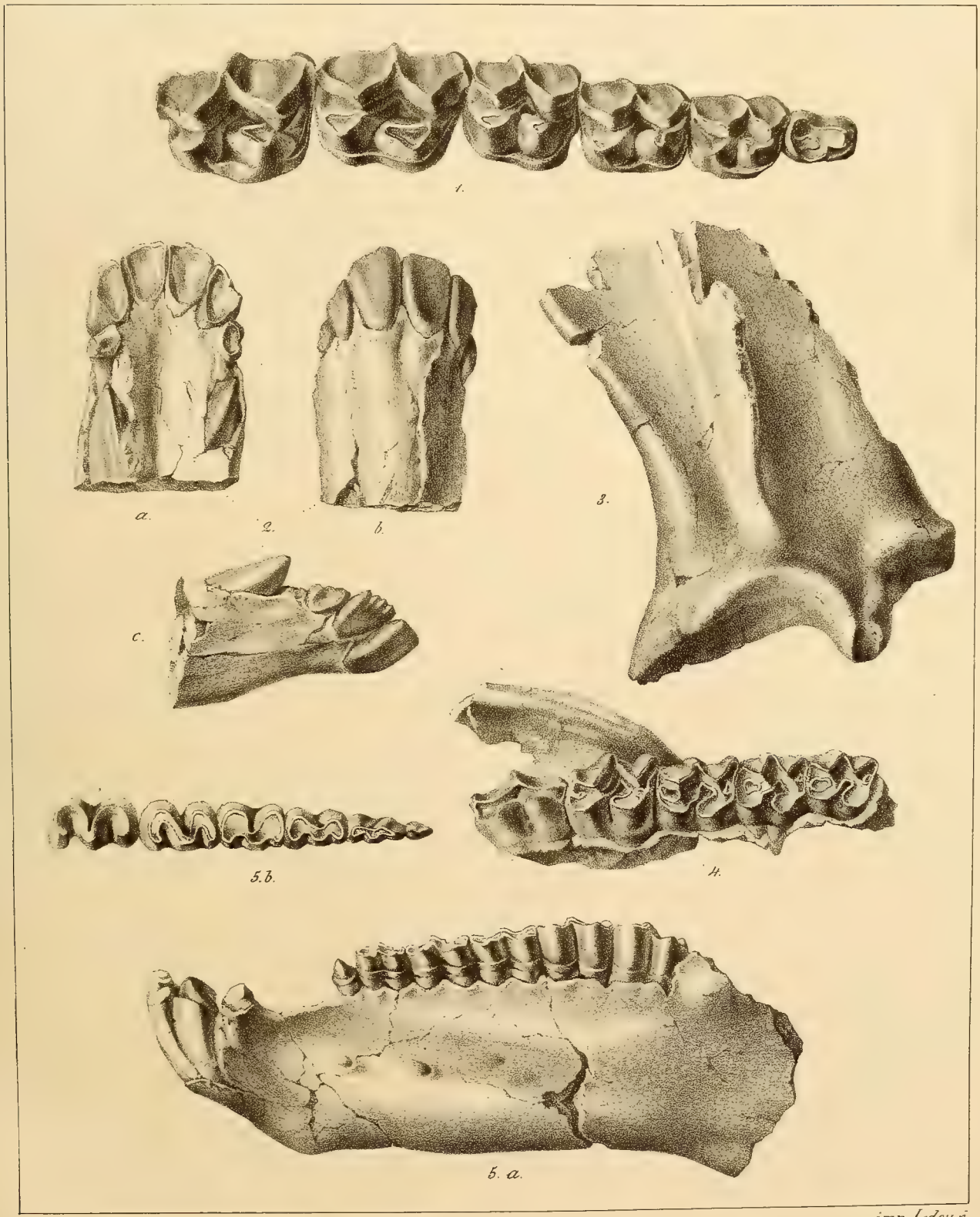
RUE DU RHONE

IMPRIMERIE DE JULES-G^me^ FICK

1855-1857



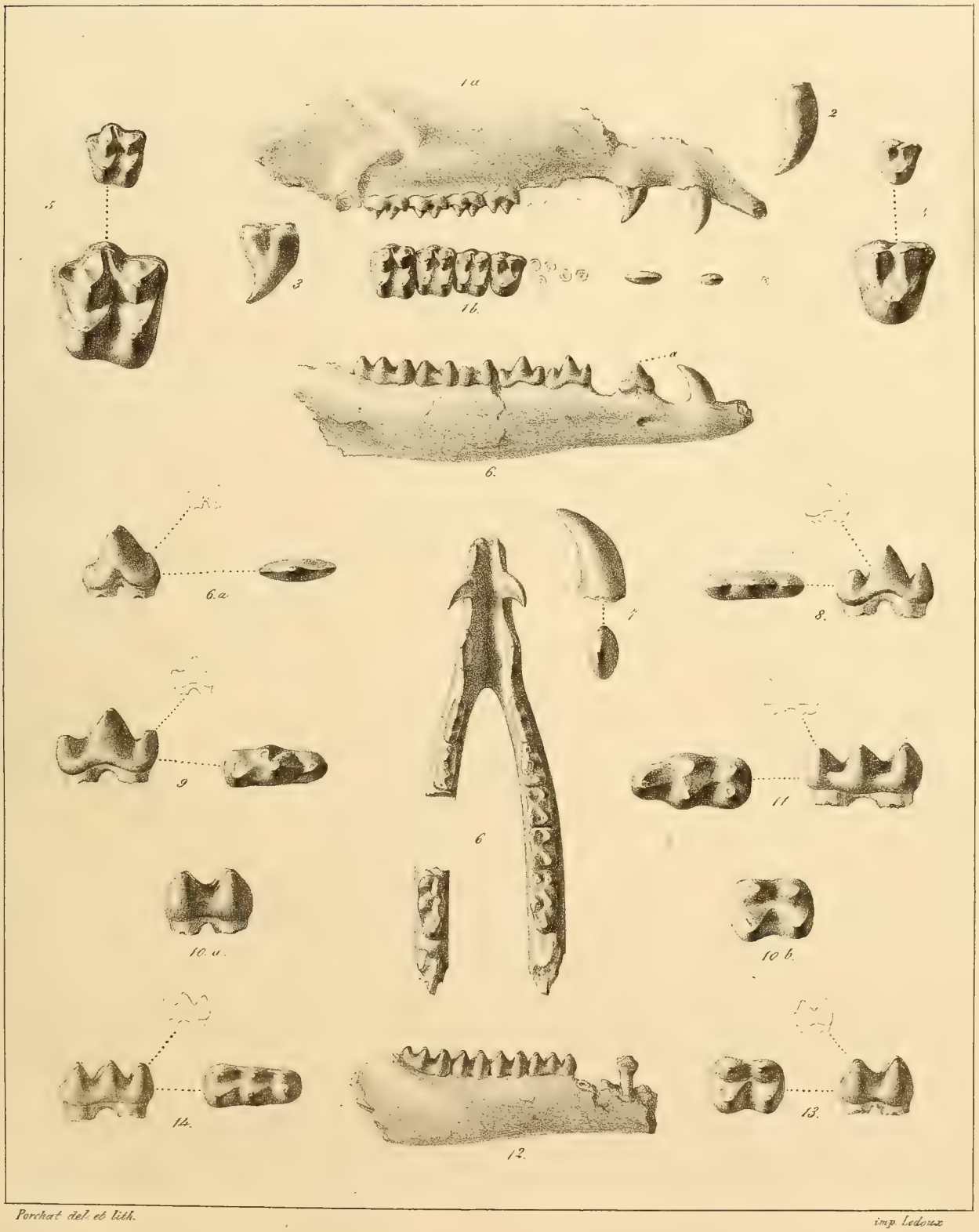
Stecher lit

imp. Ledoux.

Fig 1 à 3. PALÆOTHERIUM medium, Cuv. — Fig. 4 et 5. PALÆOTHERIUM curtum, Cuv.

Stocher lith. imp. Ledoux.

PALÆOTHERIUM (Plagiolophus) minus, Cuv.



Porchat del. et lith. imp. Ledoux

RHAGATHERIUM Valdense, Pictet.

Porchat del et lith. Imp. Lebrun

Fig. 1 à 4. HYRACOTHERIUM siderolithicum, Pictet. — Fig. 5 à 9. DICHOBUNE Campichii, Pictet. — Fig. 10 à 12. Espèce probablement nouvelle, du genre OPLOTHERIUM. — Fig. 13 à 18. Dents diverses d'ANOPLOTHÉRIOÏDES.

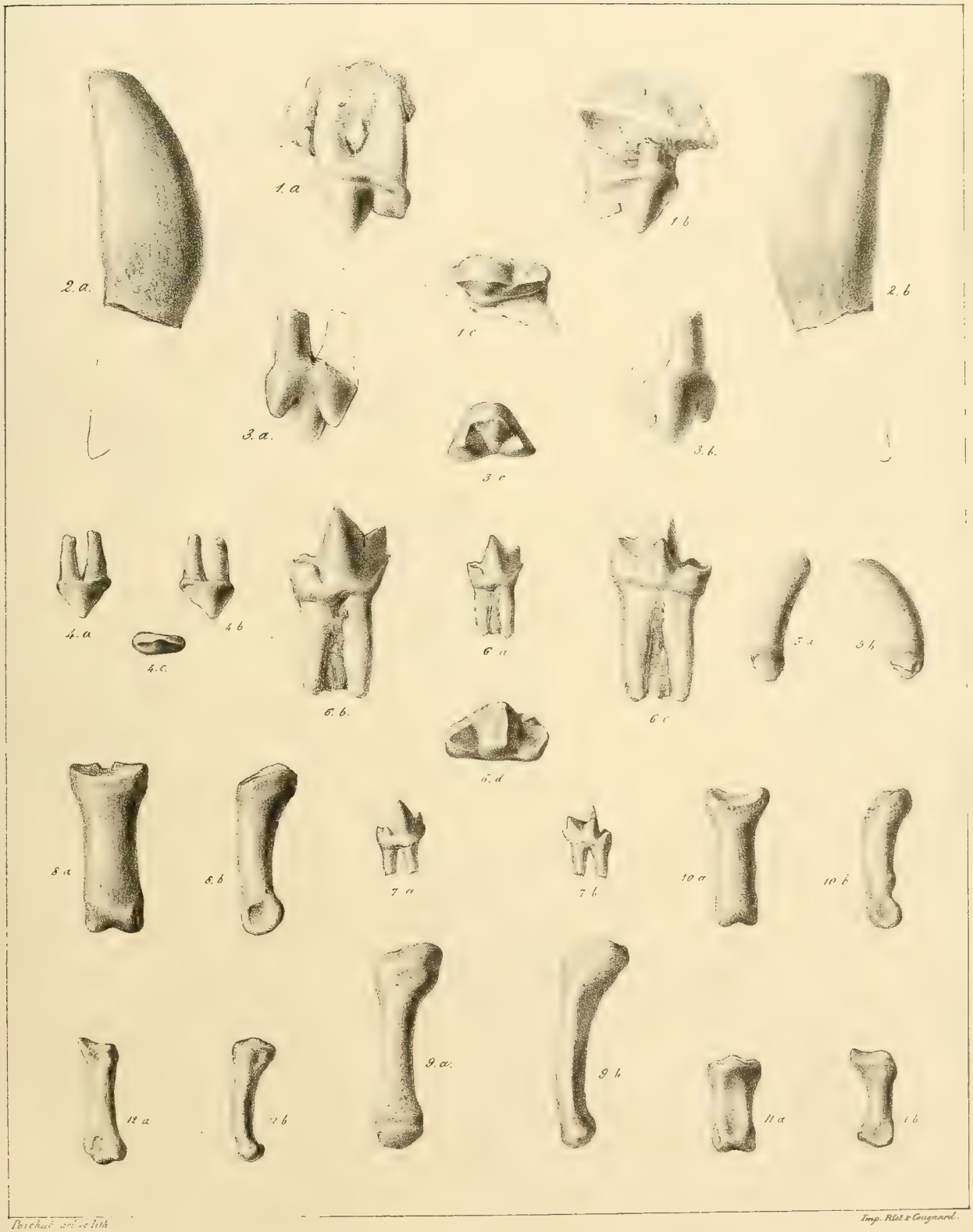
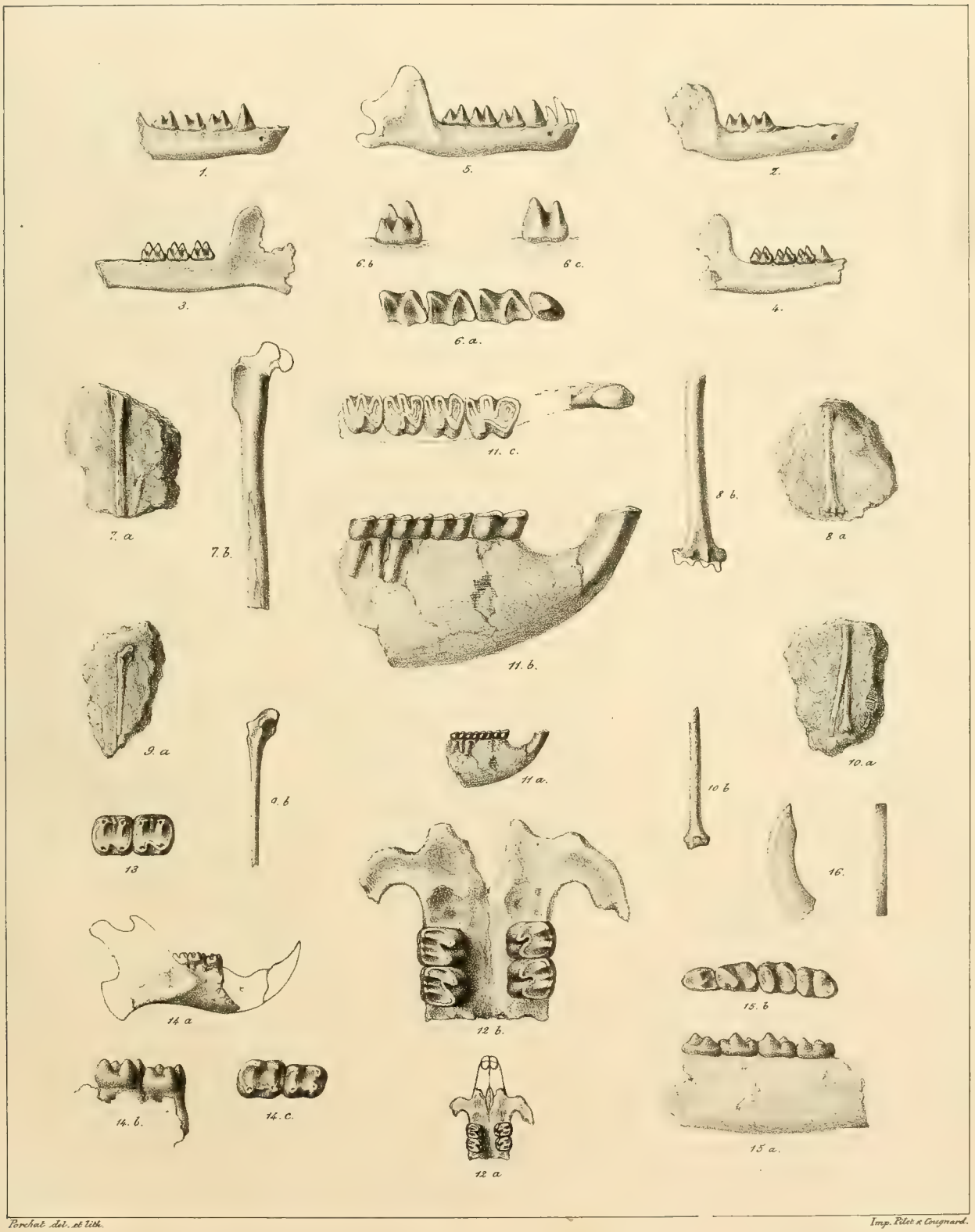


Fig. 1 à 5. AMPHICYON. — Fig. 6 et 7. CYNODON. — Fig. 8 à 12. Métacarpiens et phalanges de CARNASSIERS.

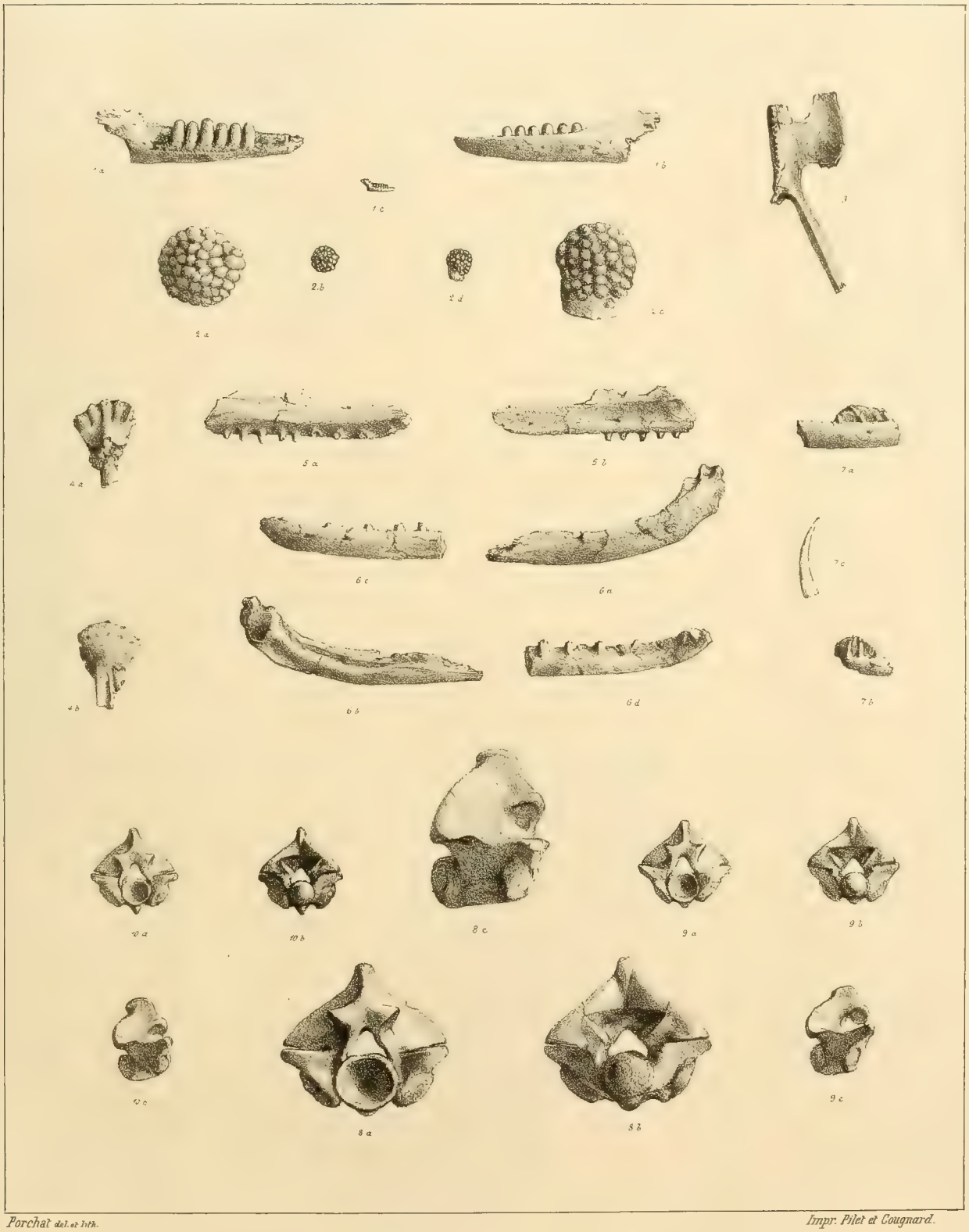


Perchat del. et lith. Imp. Pilet & Cougnard.

Fig. 1 à 10. VESPERTILIO Morloti, Pictet. — Fig. 11 à 13. THERIDOMYS siderolithicus, Pictet. — Fig. 14 à 16. SCIURIENS.

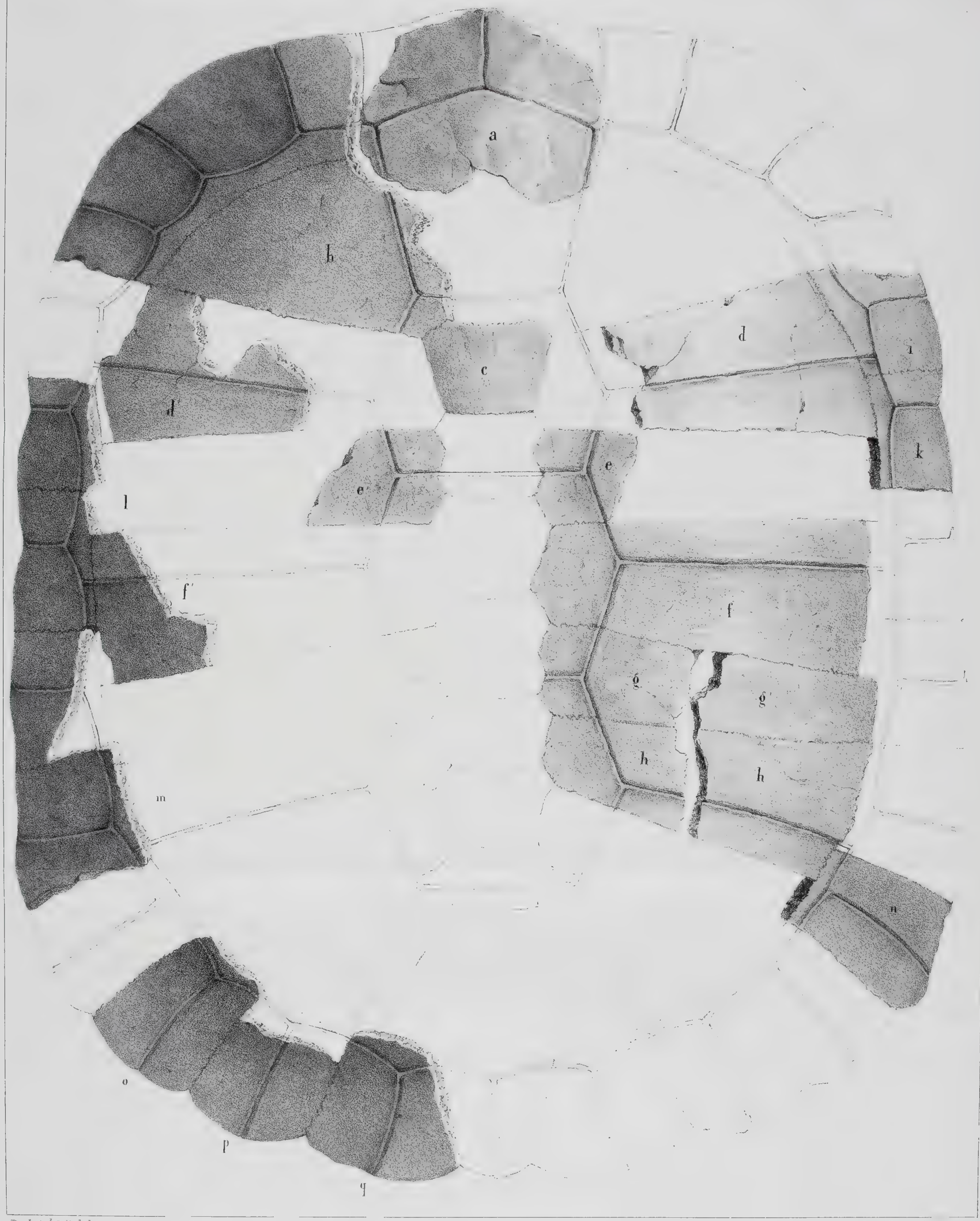
Racine A. lith. Imp. Ledoux.

CROCODILUS Hastingsiæ, Owen.



Porchat del. et lith. Impr. Pilet et Cougnard.

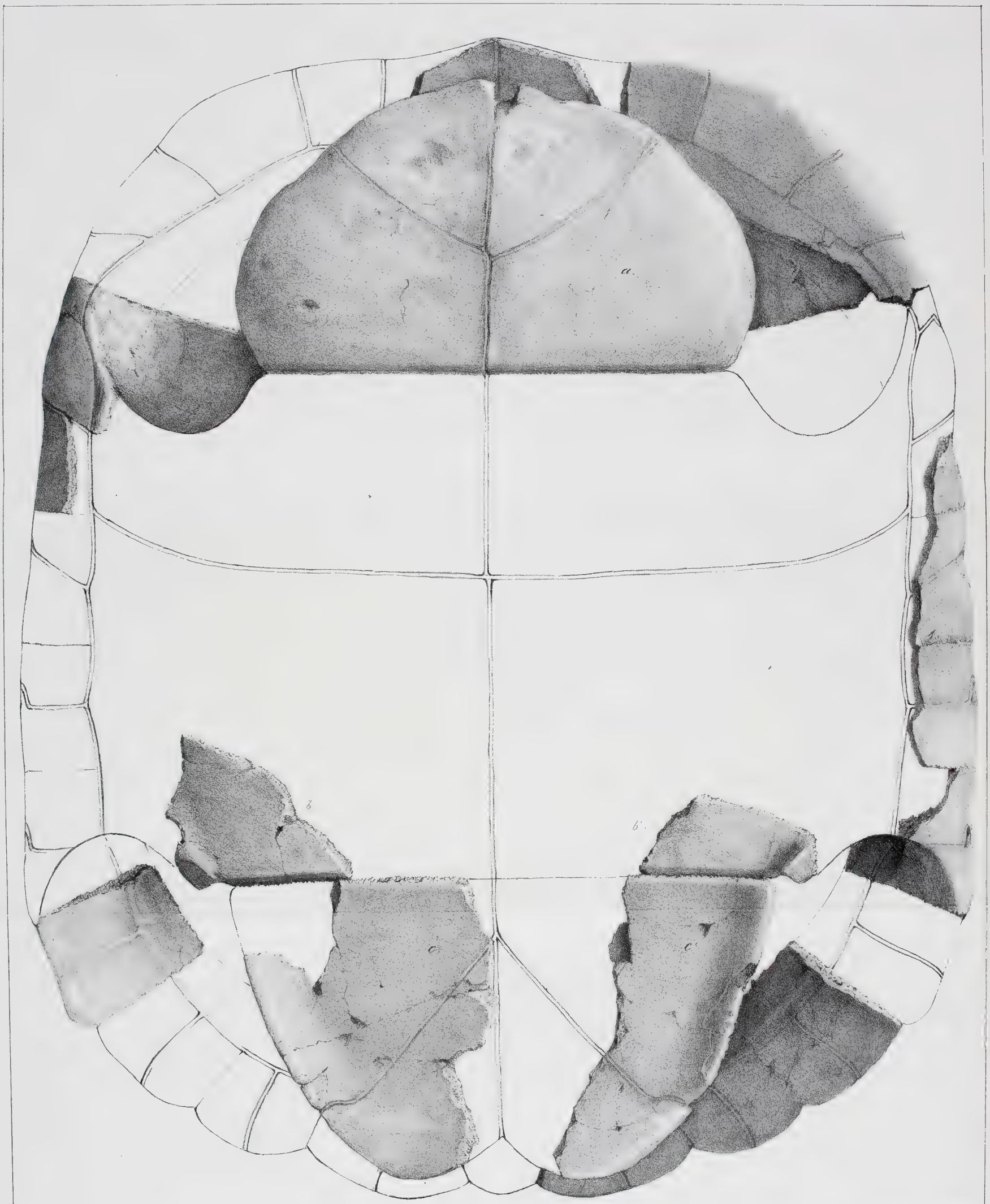
Fig. 1. Mâchoire de LÉZARD. — Fig. 2. Écusson céphalique de PLACOSAURUS. — Fig. 3 à 7. Os de la tête d'un IGUANIEN. — Fig. 8 à 10. Vertèbres d' OPHIDIENS.



Porchat del & lith.

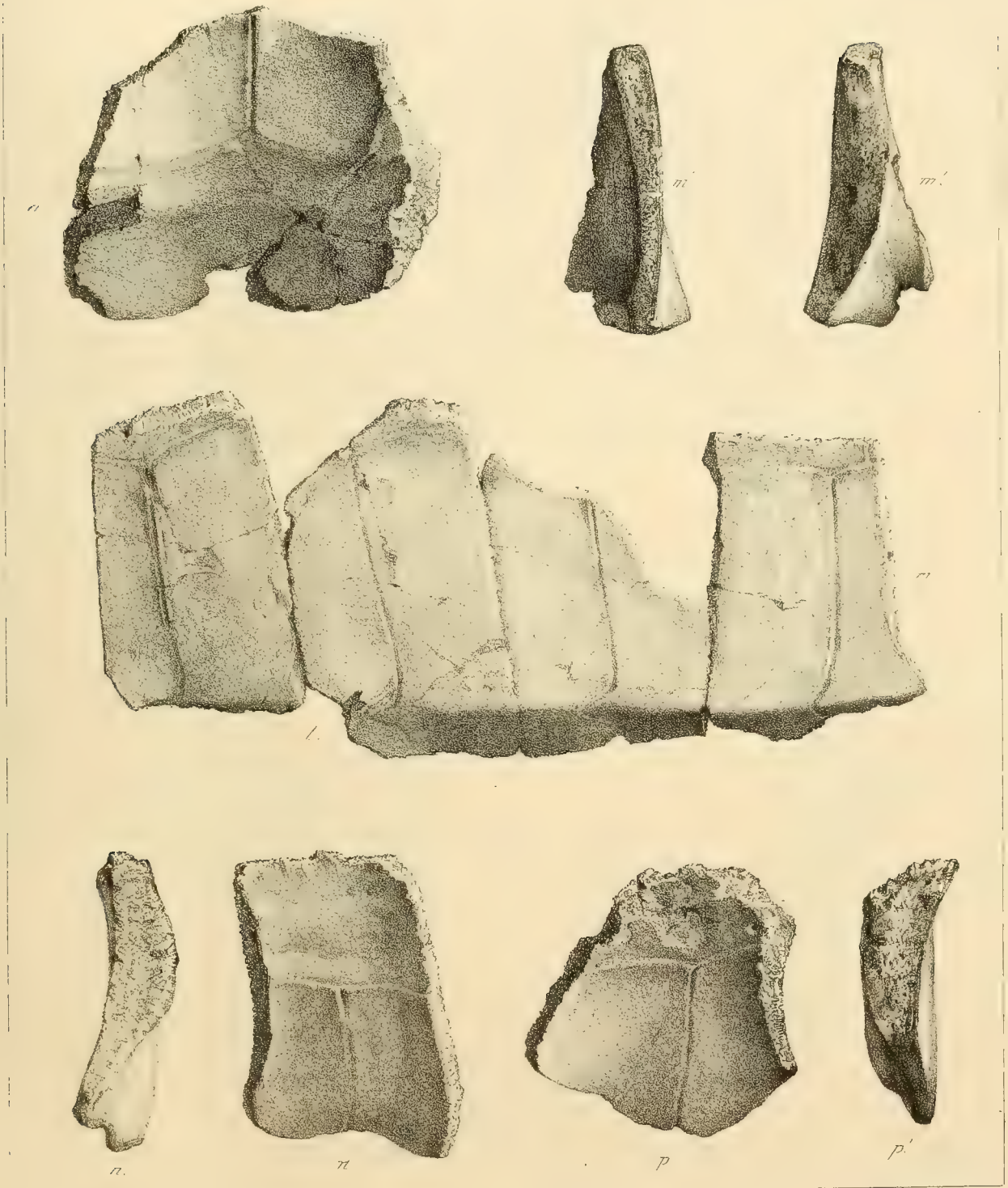
Imp Pilet & Cougnard

DITHYROSTERNON VALDENSE, Pictet & Humbert.



Porchat del. & lith. Imp. Pilet & Cougnard

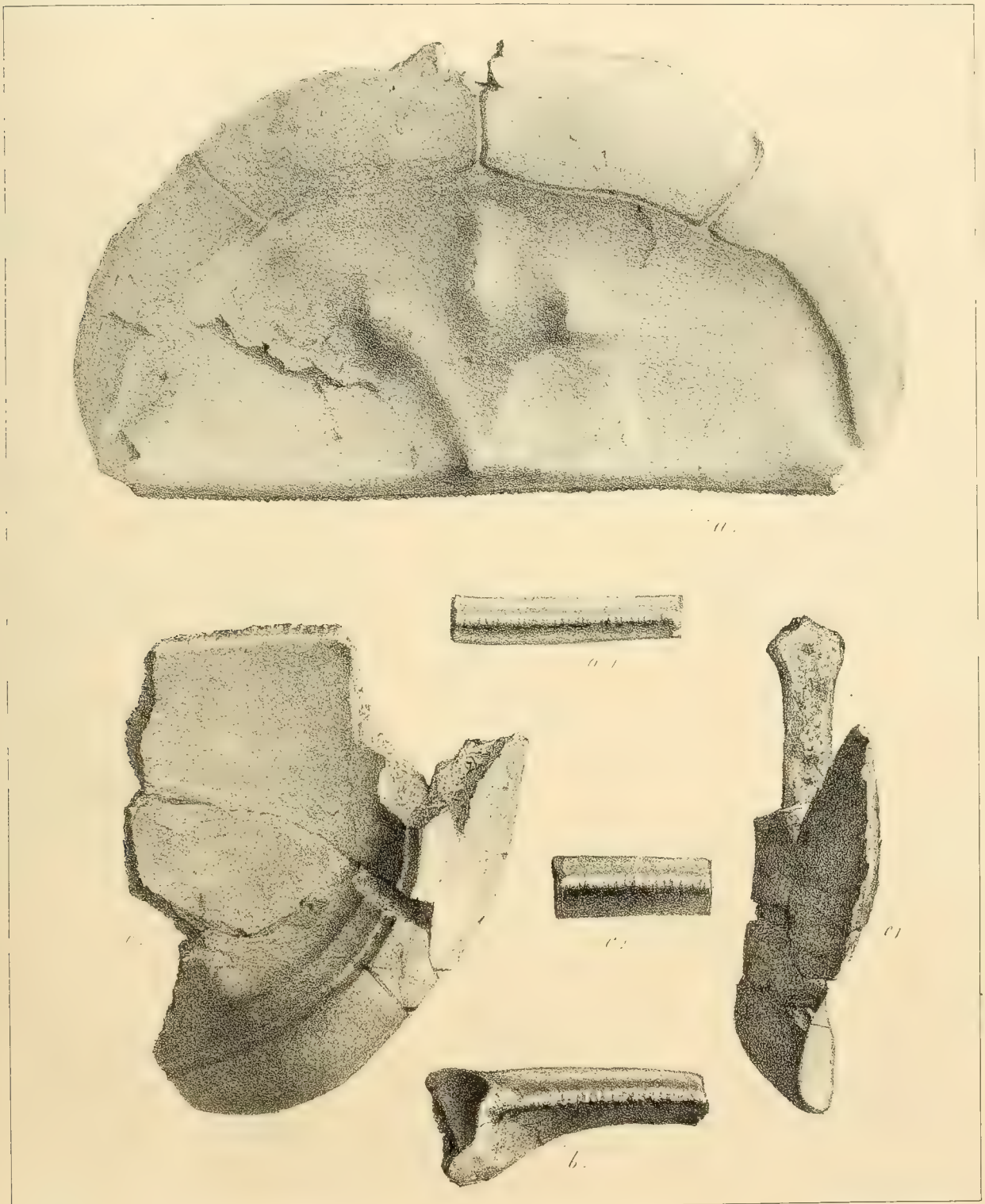
DITHYROSTERNON VALDENSE, Pictet & Humbert.



Perchat del. et lith. Imp. Pilet & Cougnard.

DITHYROSTERNON VALDENSE, Pictet & Humbert.

(pièces de la carapace.)



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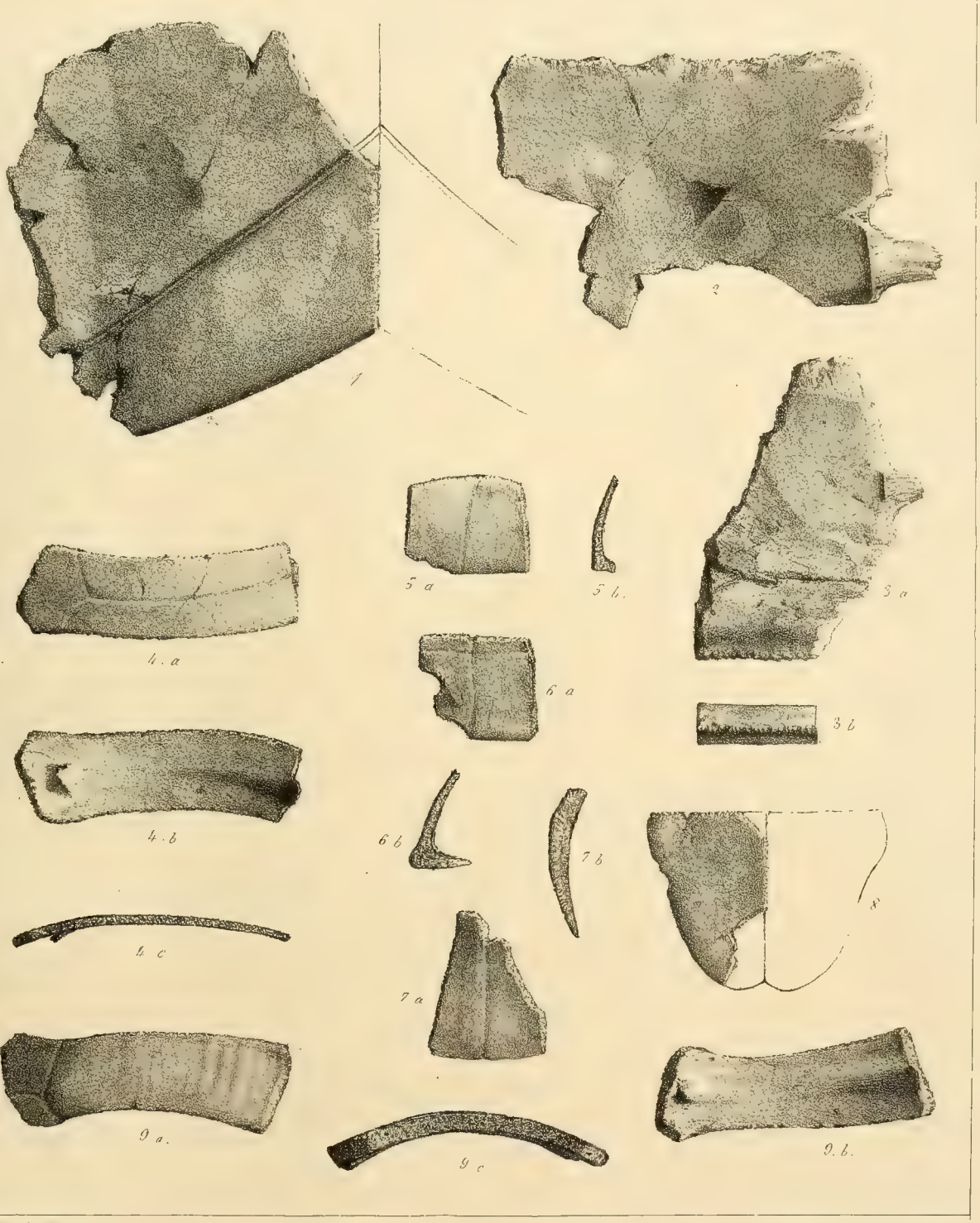
DITHYROSTERNON VALDENSE, Pictet & Humbert.

(pièces du plastron).



Porchat, del. & Lith. Imp. Pilet & Cougnard.

CHÉLONIENS divers.

MATÉRIAUX POUR LA PALÉONTOLOGIE SUISSE

PUBLIÉS PAR

F.-J. PICTET

PROFESSEUR DE ZOOLOGIE ET D'ANATOMIE COMPARÉE

A L'ACADÉMIE DE GENÈVE.

MONOGRAPHIE

DES

CHÉLONIENS DE LA MOLLASSE SUISSE

PAR

F.-J. PICTET

ET

ALOÏS HUMBERT

Conservateur du Musée d'Histoire naturelle

GENÈVE

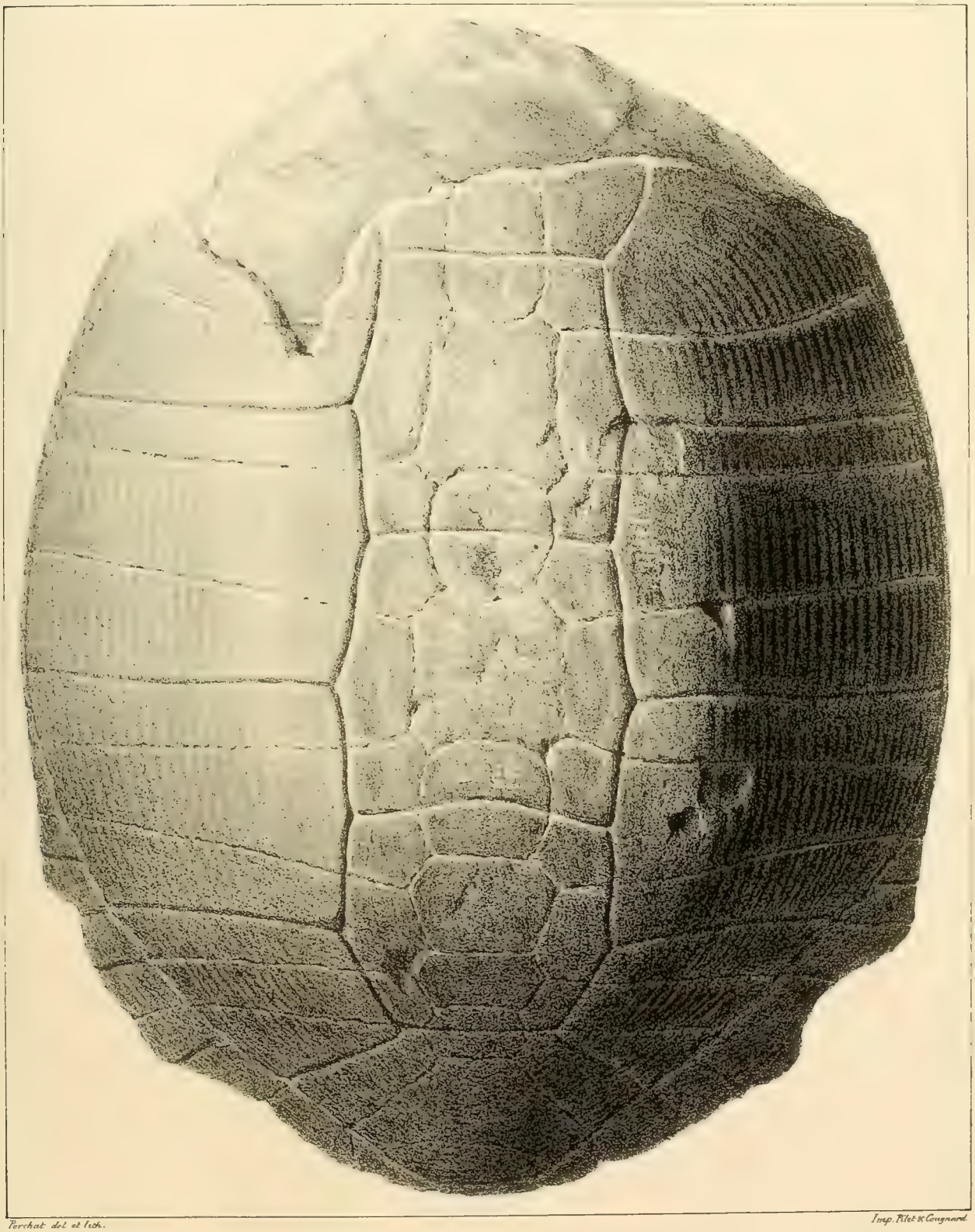
CHEZ J. KESSMANN, LIBRAIRE

RUE DU RHONE

1856

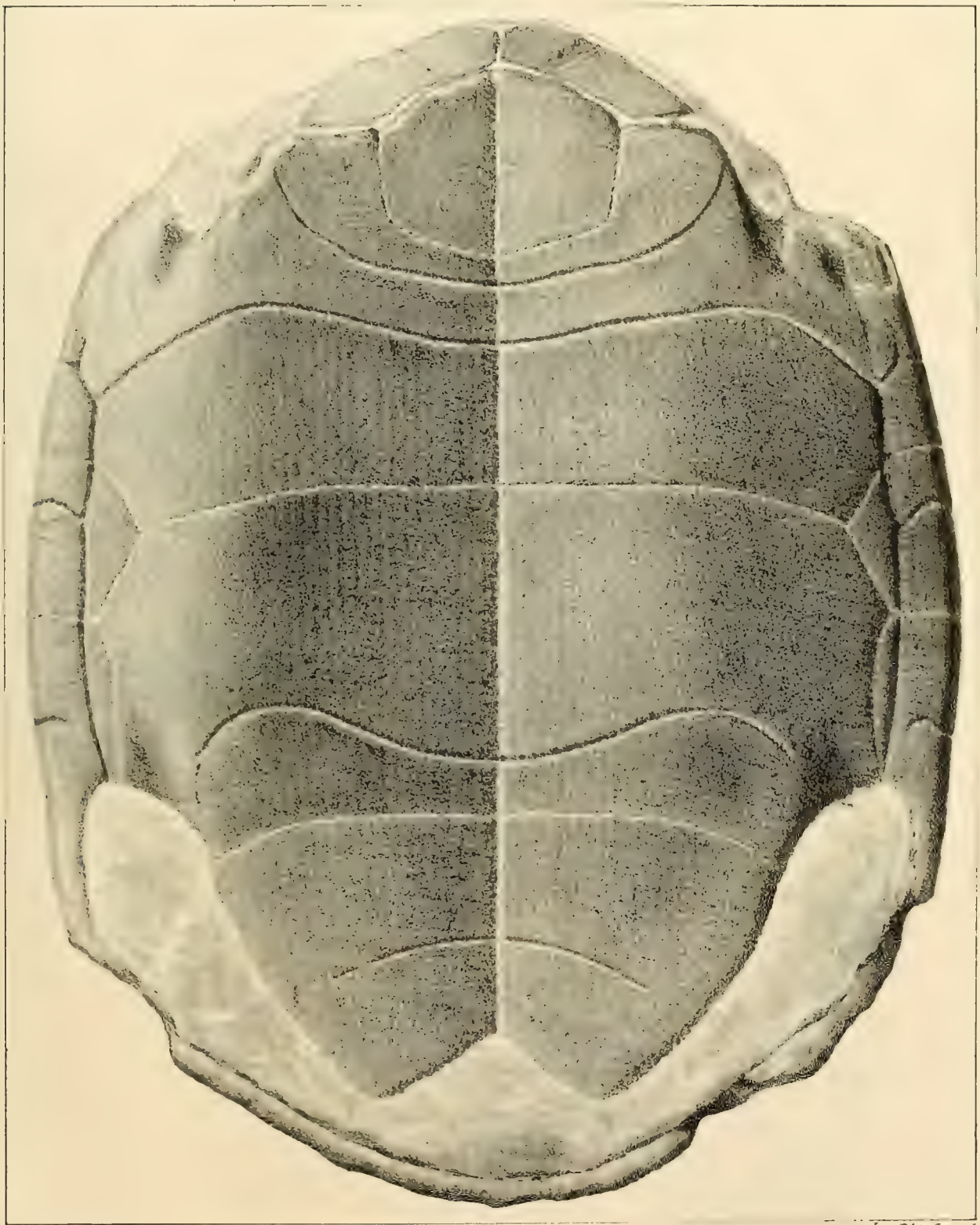
Porchat del. et lith. Imp. Pilet & Cougnard.

TESTUDO Escheri, Pictet et Humbert



Porchat del. et lith. Imp. Pilet & Cougnard

TESTUDO Escheri, Pictet et Humbert.

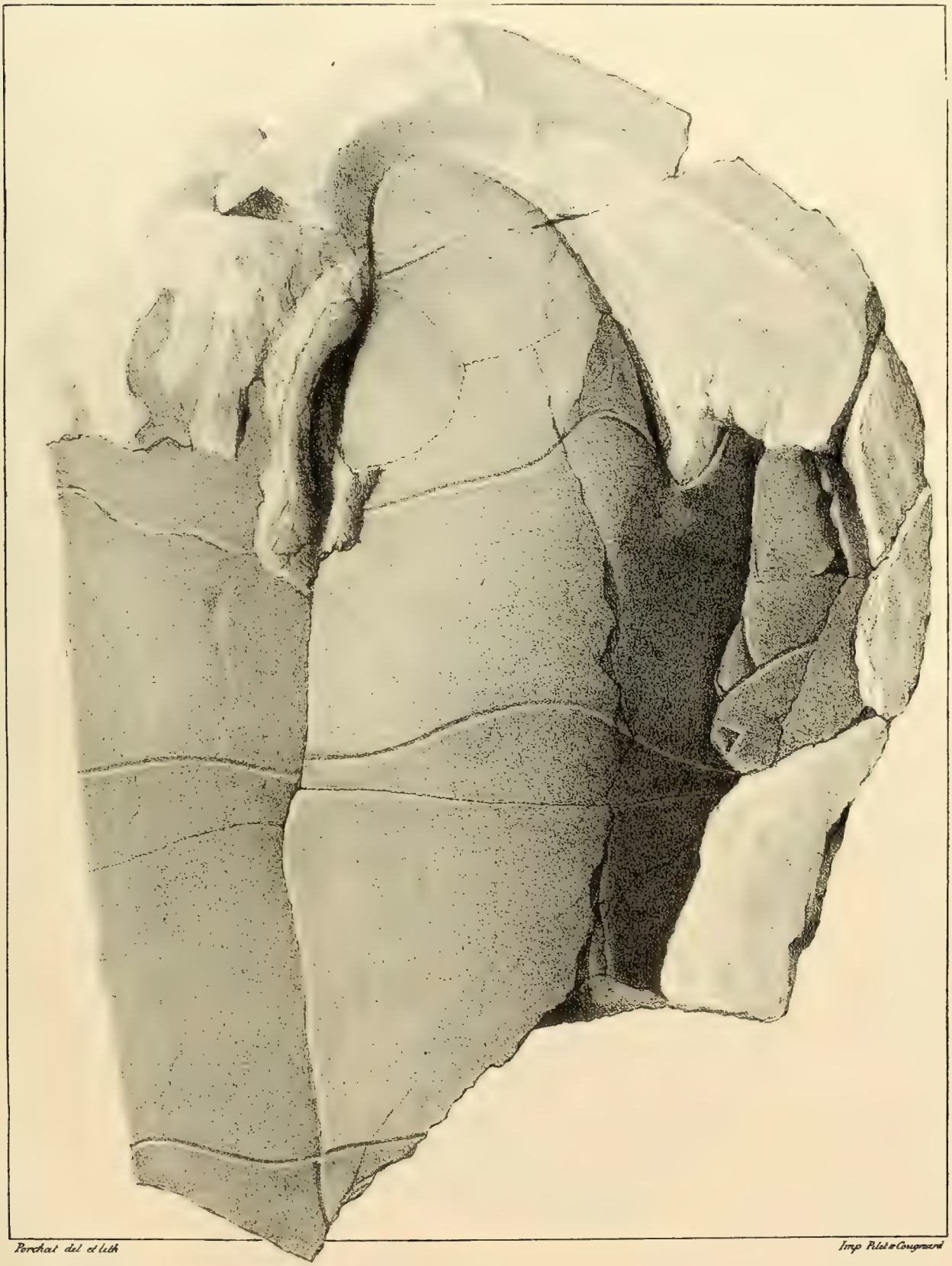


Porchat del. et lith. Imp. Pilet & Guignard

TESTUDO Escheri, Pictet et Humbert

Porchat del et lith. Imp. Pilet & Cougnard

EMYS Laharpi, Pictet et Humbert.

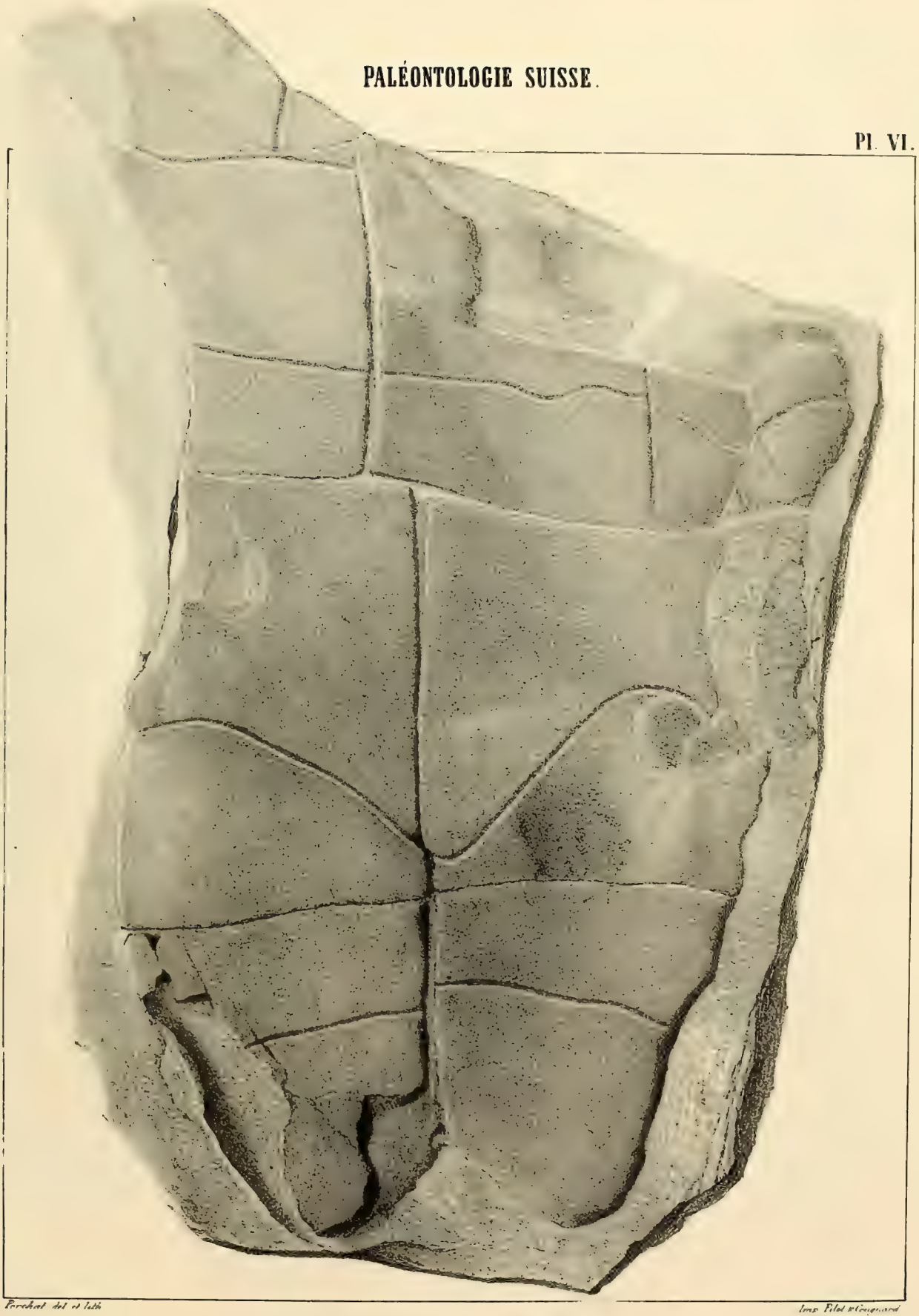


Porchat del et lith

Imp Pillet & Cougnard

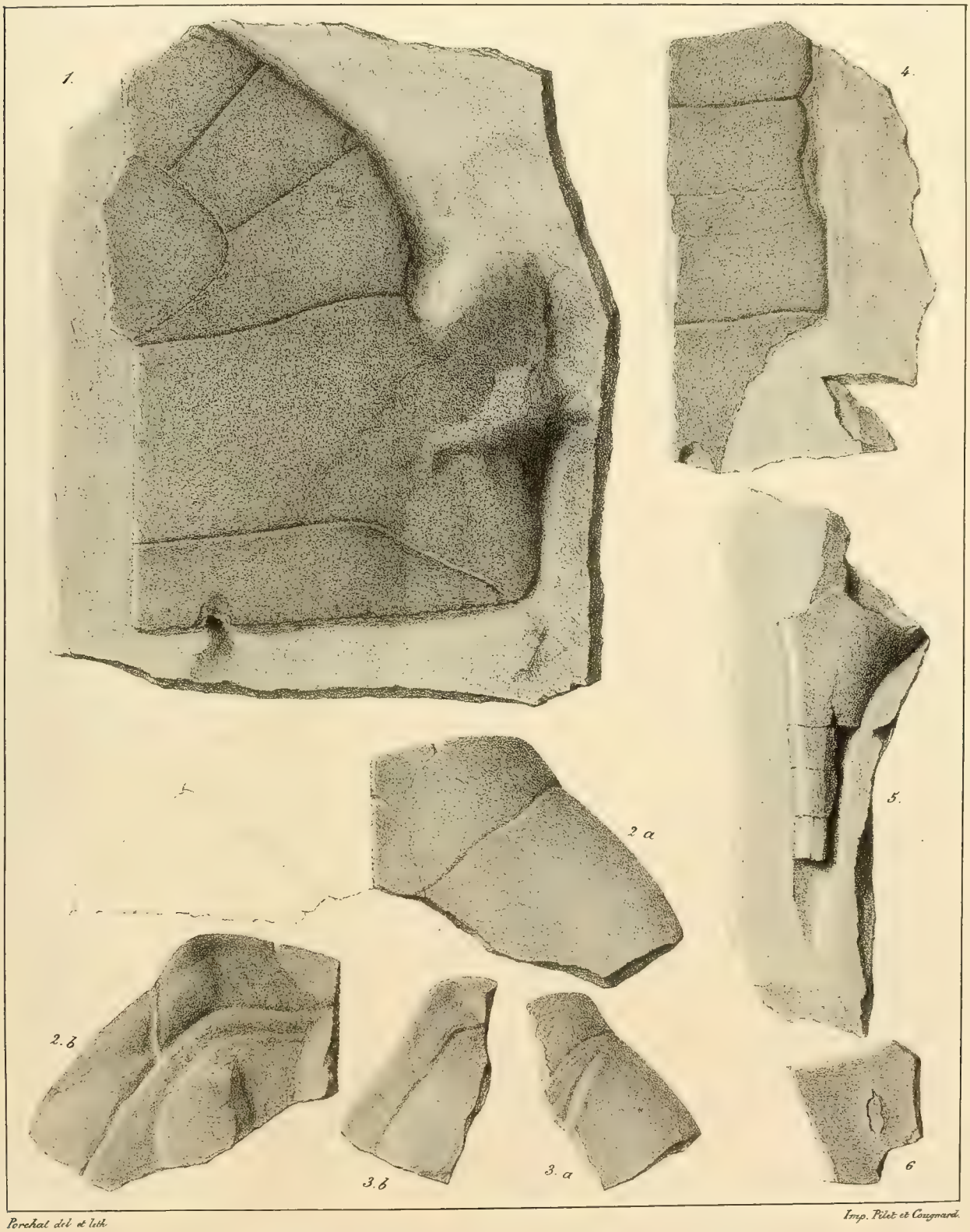
EMYS Laharpi, Pictet et Humbert.

Pl. VI.



Porchat del et lith. Imp. Pilet & Cougnard

EMYS Charpentieri, Pictet et Humbert.

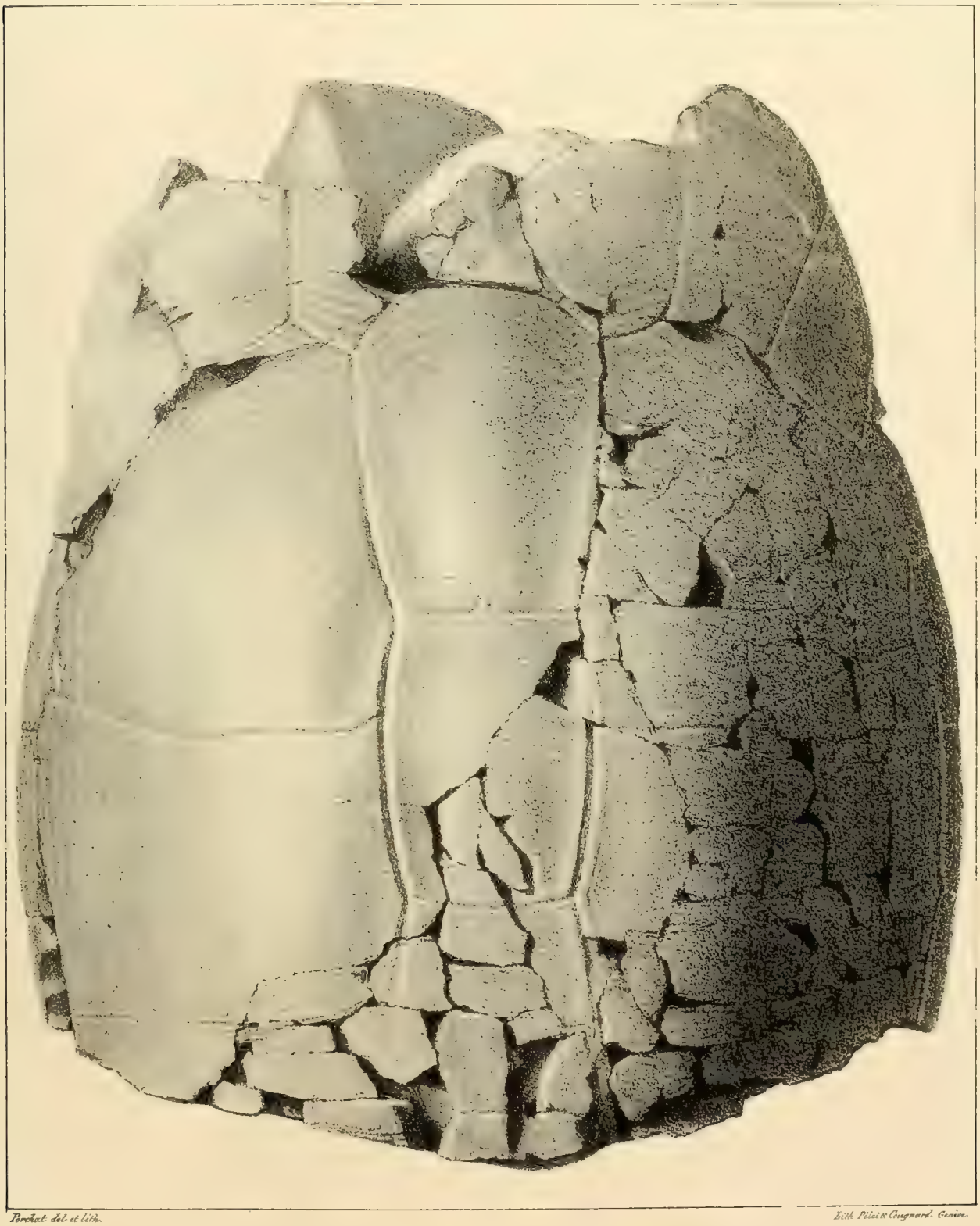


Porchat dil. et lith. Imp. Pilet et Cougnard.

Fig. 1. EMYS Charpentieri, Pictet et Humbert. — (plastron).

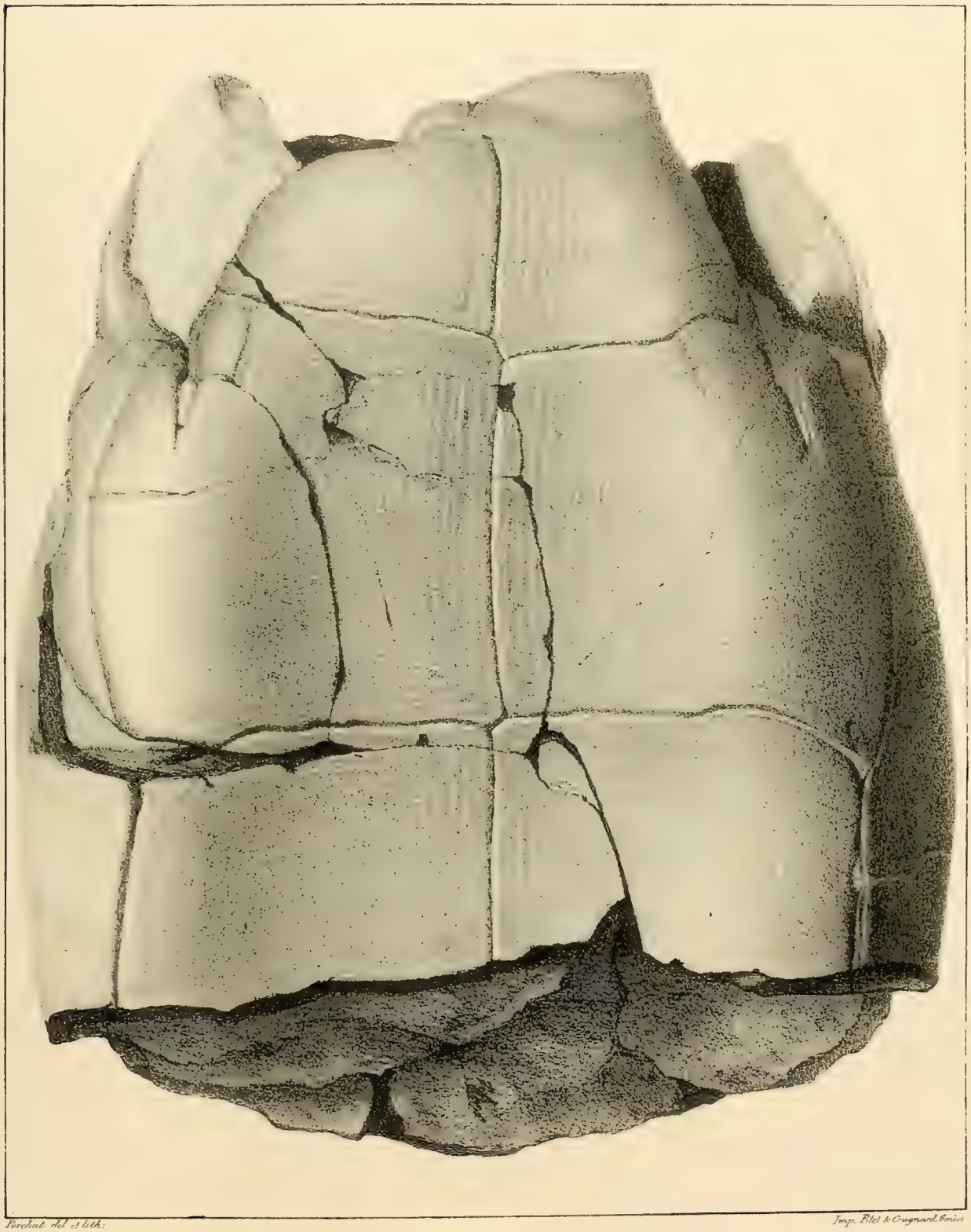
Fig. 2 – 4. Emydes des lignites de Rochette.

Fig. 5 et 6. Chélonien du Vengeron.



Perchat del et lith. Lith. Pétet & Cougnard. Genève.

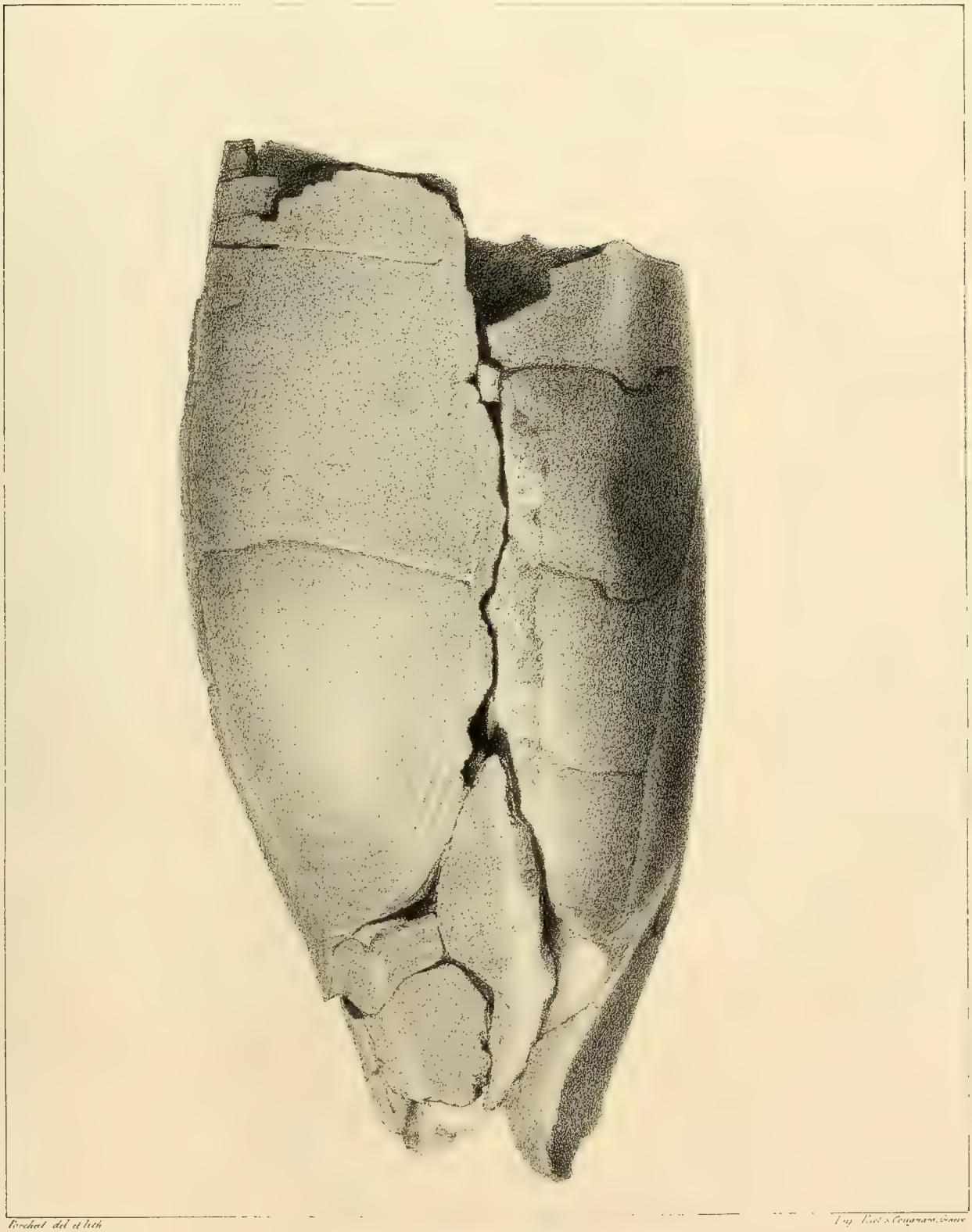
EMYS Gaudini, Pictet et Humbert.



Forchat del. et lith.

Imp. Pillet & Cugnard Genève

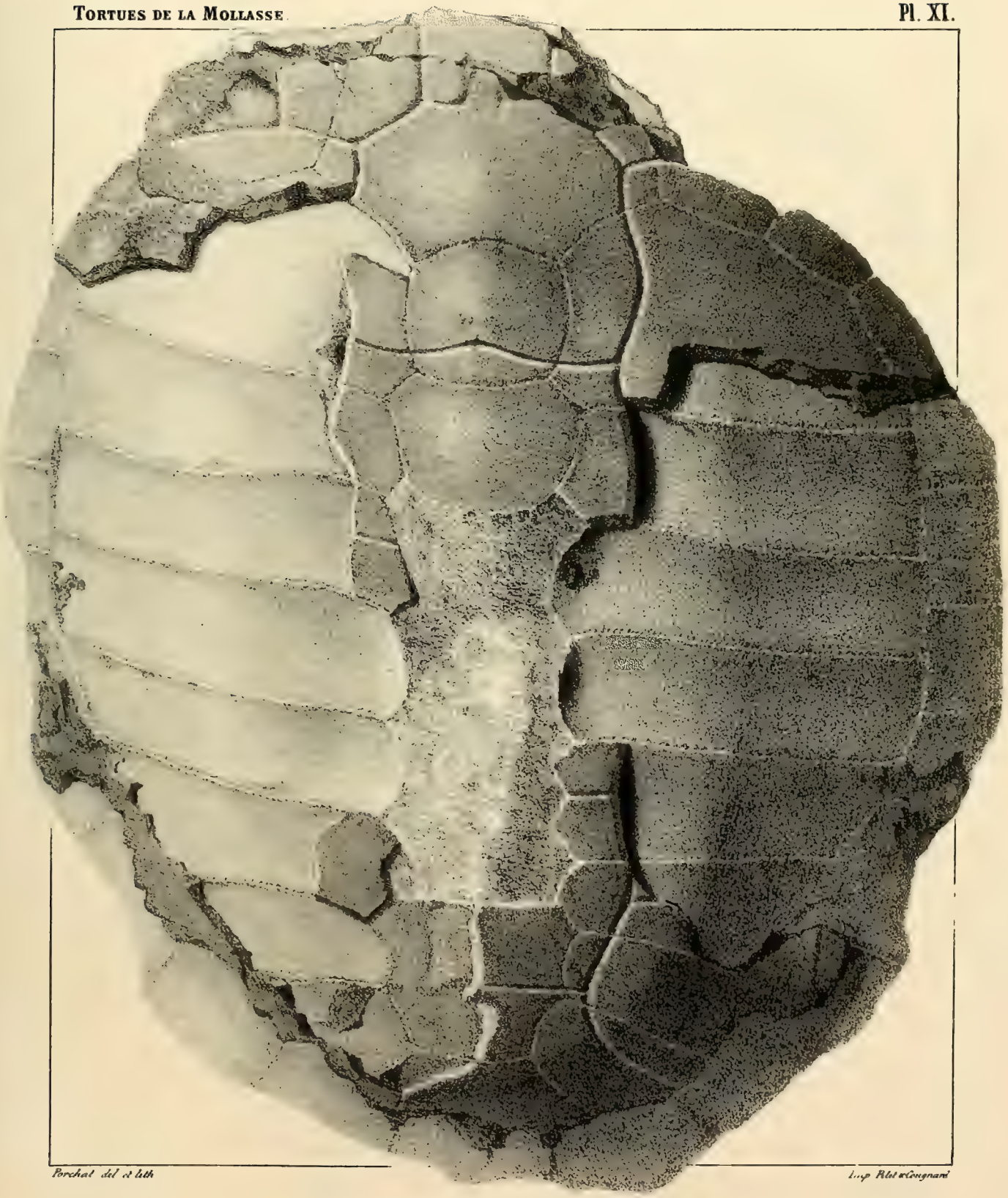
EMYS Gaudini, Pictet et Humbert.



Porchet del et lith

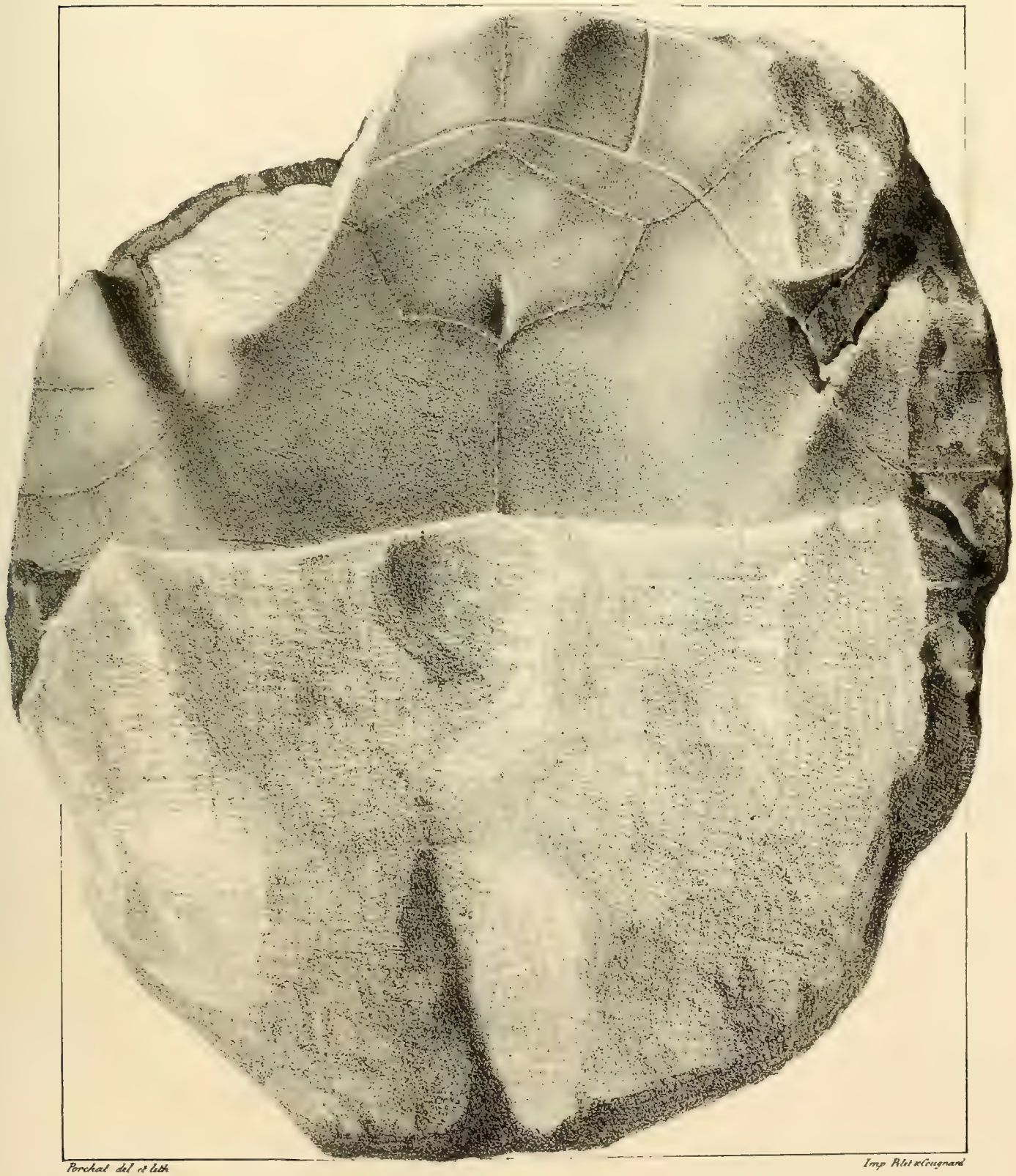
Imp. Pict. & Cougnard, Genève

EMYS Gaudini. Pictet et Humbert.



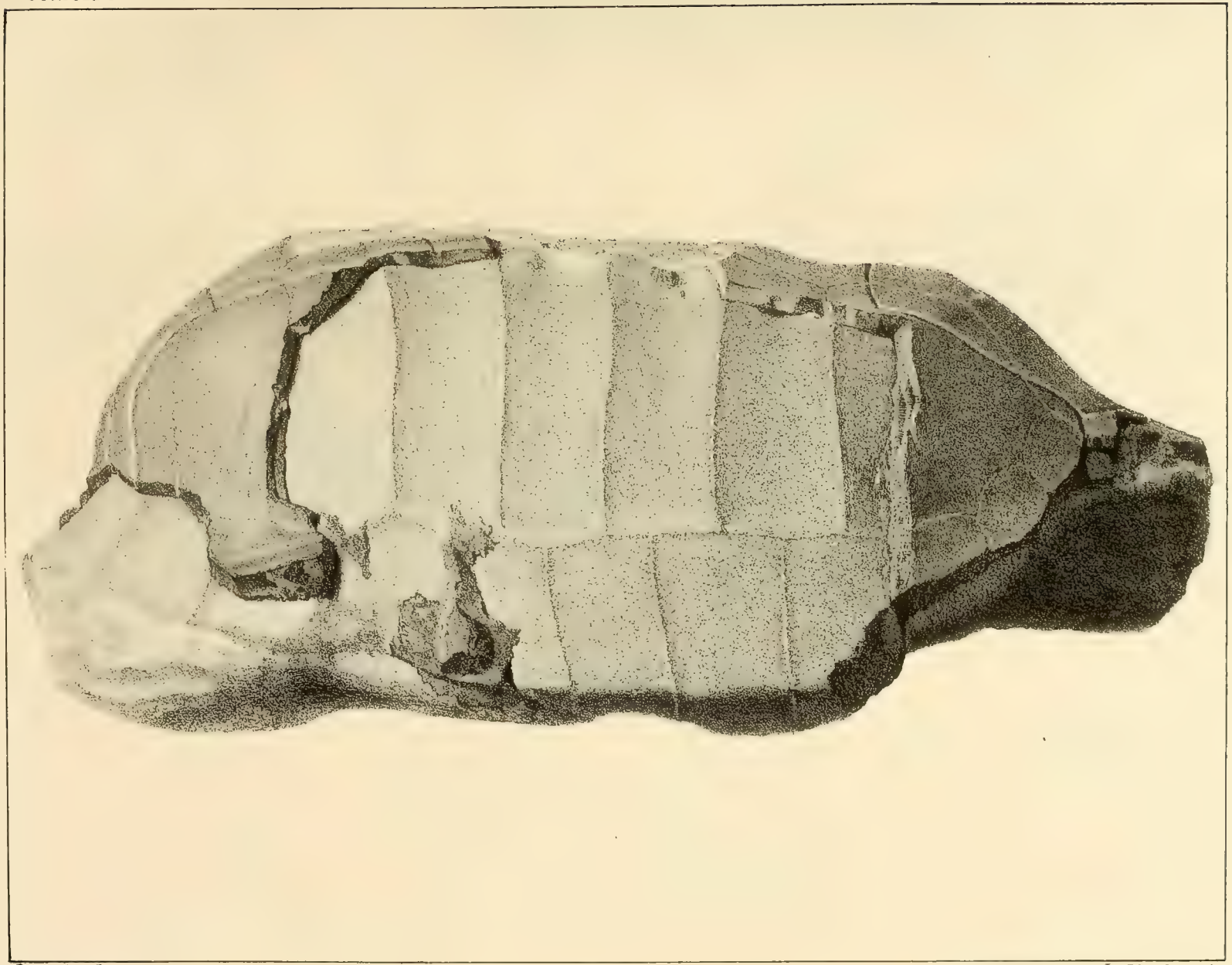
Porchat del et lith. Imp. Pilet & Cougnard

CISTUDO Razoumowsky, Pictet et Humbert.



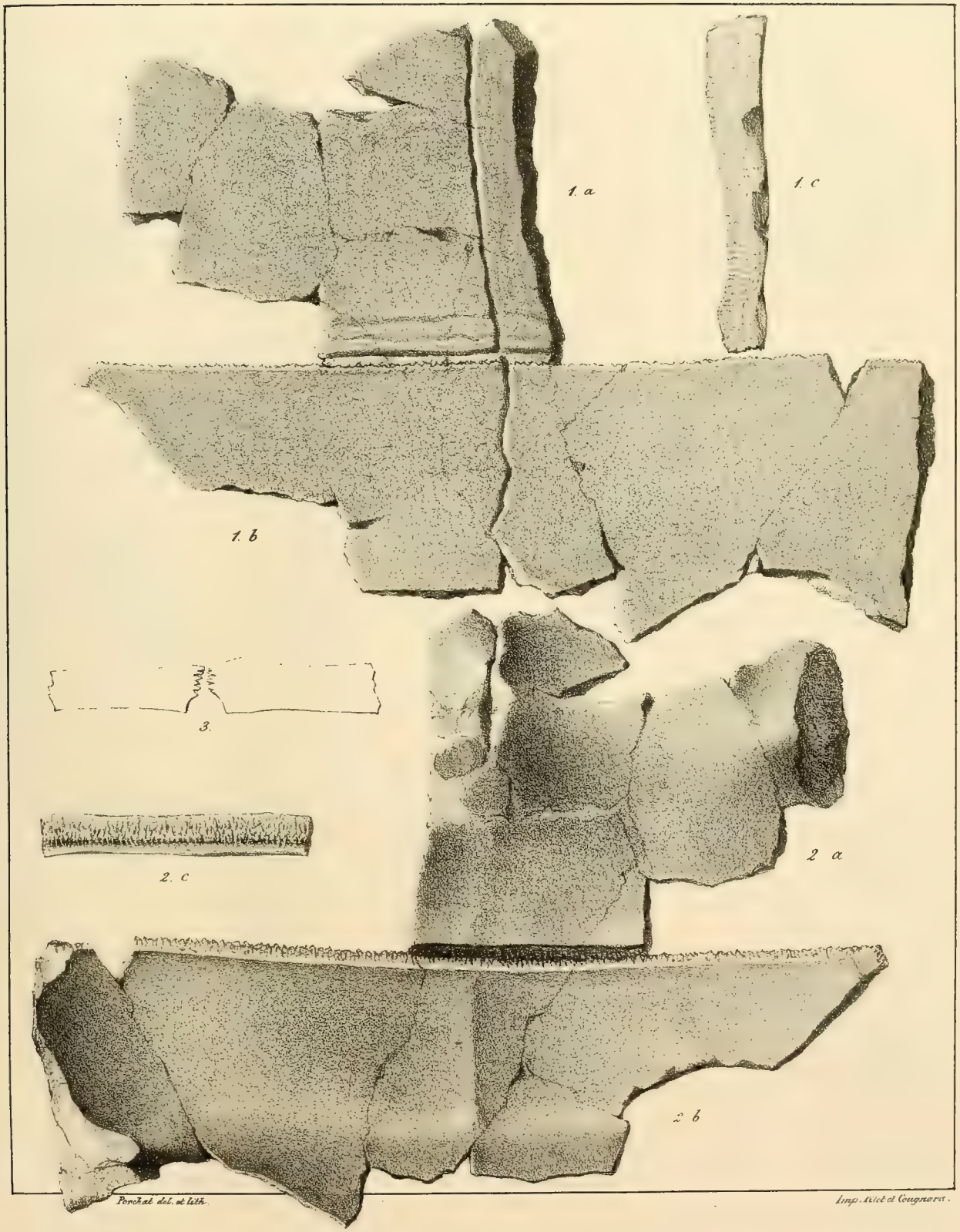
Porchat del et lith. Imp. Pilet & Cougnard

CISTUDO Razoumowsky, Pictet et Humbert.



Perchat del. et lith. Imp. Pitet & Cougnard.

CISTUDO Razoumowsky, Pictet et Humbert.

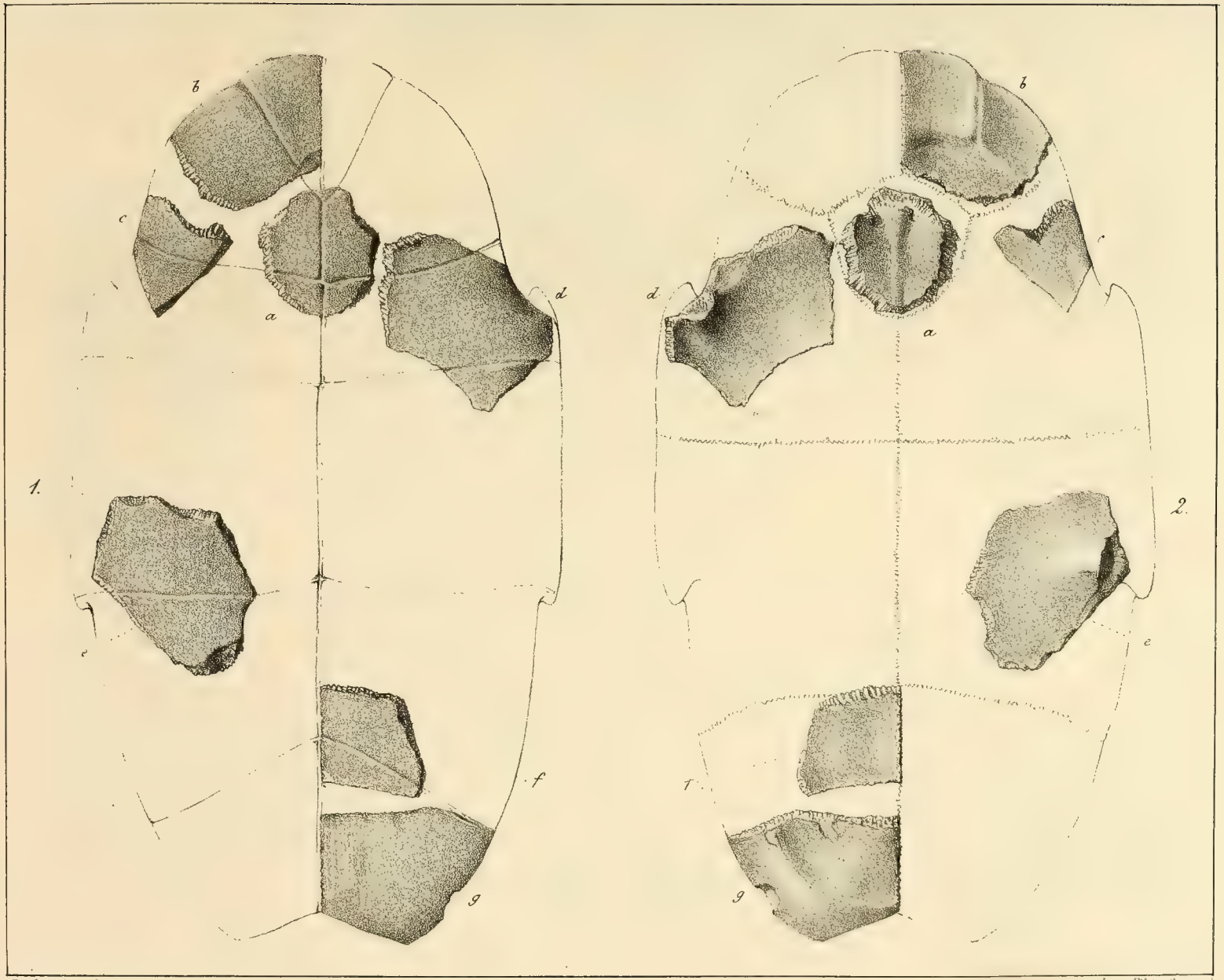


CISTUDO Morloti, Pictet et Humbert.

Porchat del. et lith. imp. Pilet et Cougnard

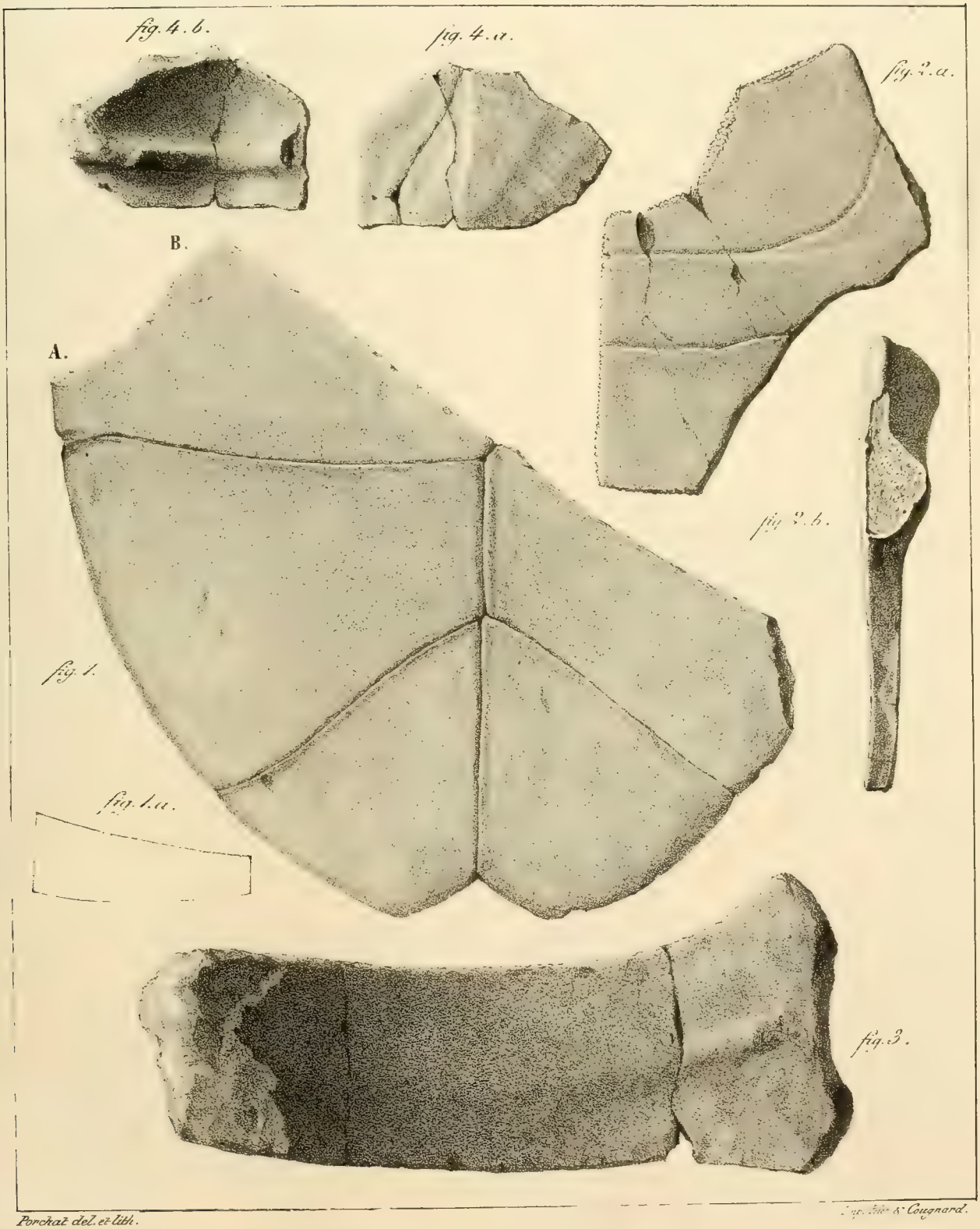
Fig. 1 et 2. **TESTUDO** de la Chaux de Fonds.

Fig. 3._9. **EMYS** Nicoleti, Pictet et Humbert, (carapace).



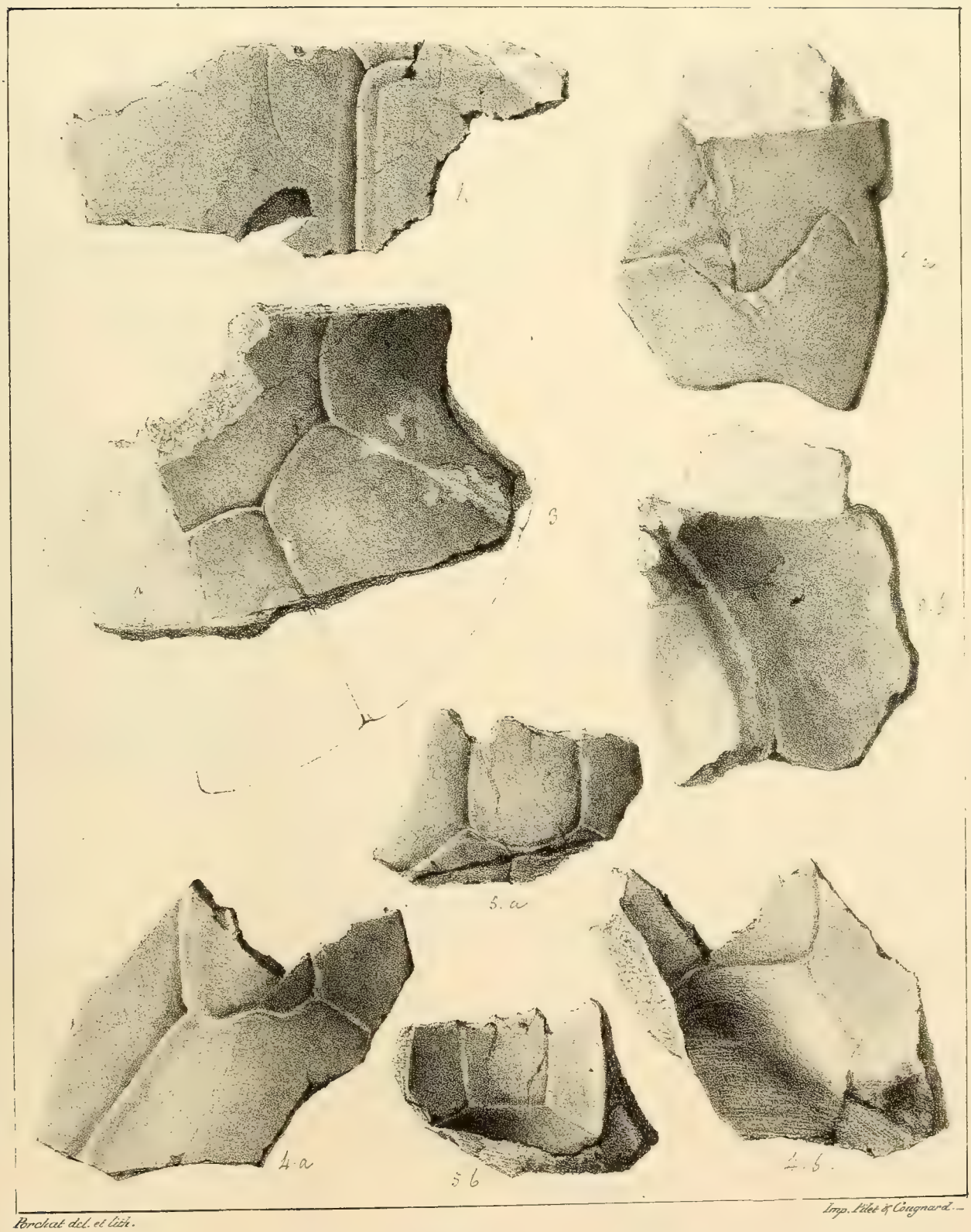
Porchat del. et lith. Imp. Pilet et Cougnard

EMYS Nicoleti, Pictet et Humbert, (plastron)



Chéloniens du Canton de Berne.

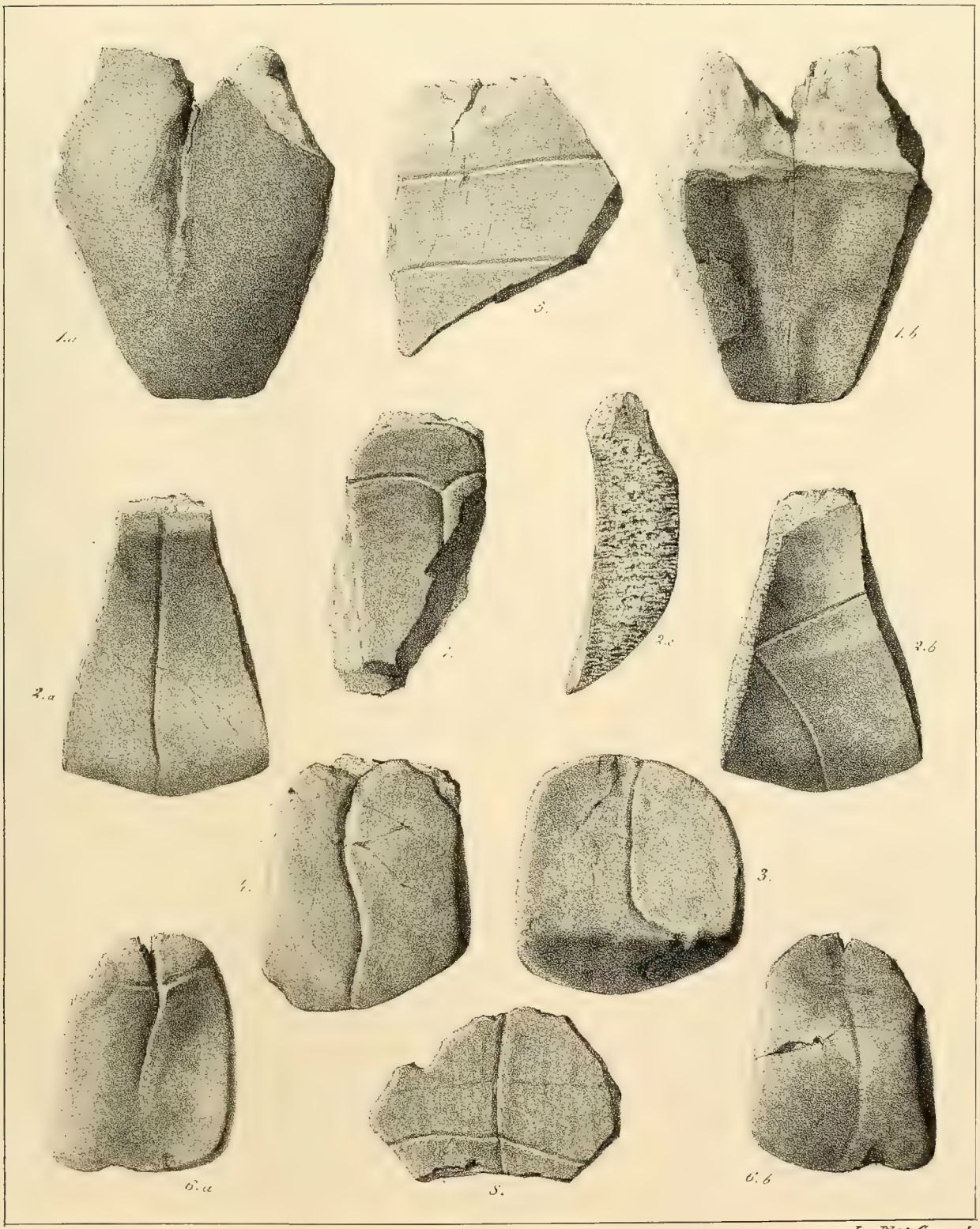
Fig 1.—Plastron de l'EMYS Wittenbachii, Bourdet.— Fig. 1. a. Epaisseur de ce plastron de A en B.— Fig. 2. Testudo, de Rappenflüh.— Fig. 3. Testudo, de l'Engi.— Fig. 4. Emys, du Grüsisberg.



Porchat del. et lith. Imp. Pillet & Cougnard.

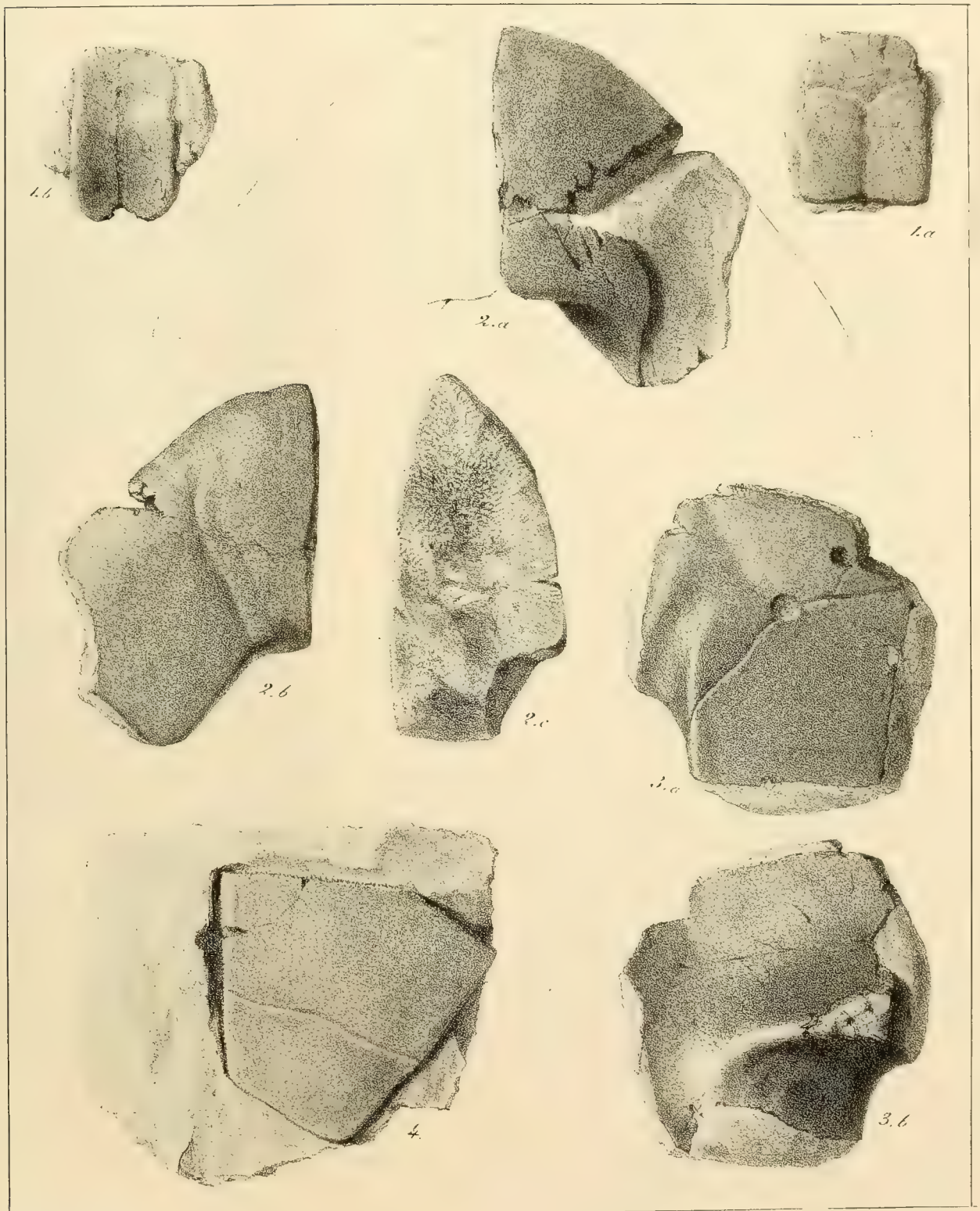
EMYS de la mollasse marine de la Molière.

TORTUES DE LA MOLLASSE. PL.XIX.



Porchat del. & lith. Imp. Pilet & Cuignard.

CHÉLONIENS de la Molière.



Porchat del. & lith. Imp. Pilet & Cougnard.

Fig. 1_3. CHÉLONIENS de la Molière.

Fig. 4. TORTUE de Stein.

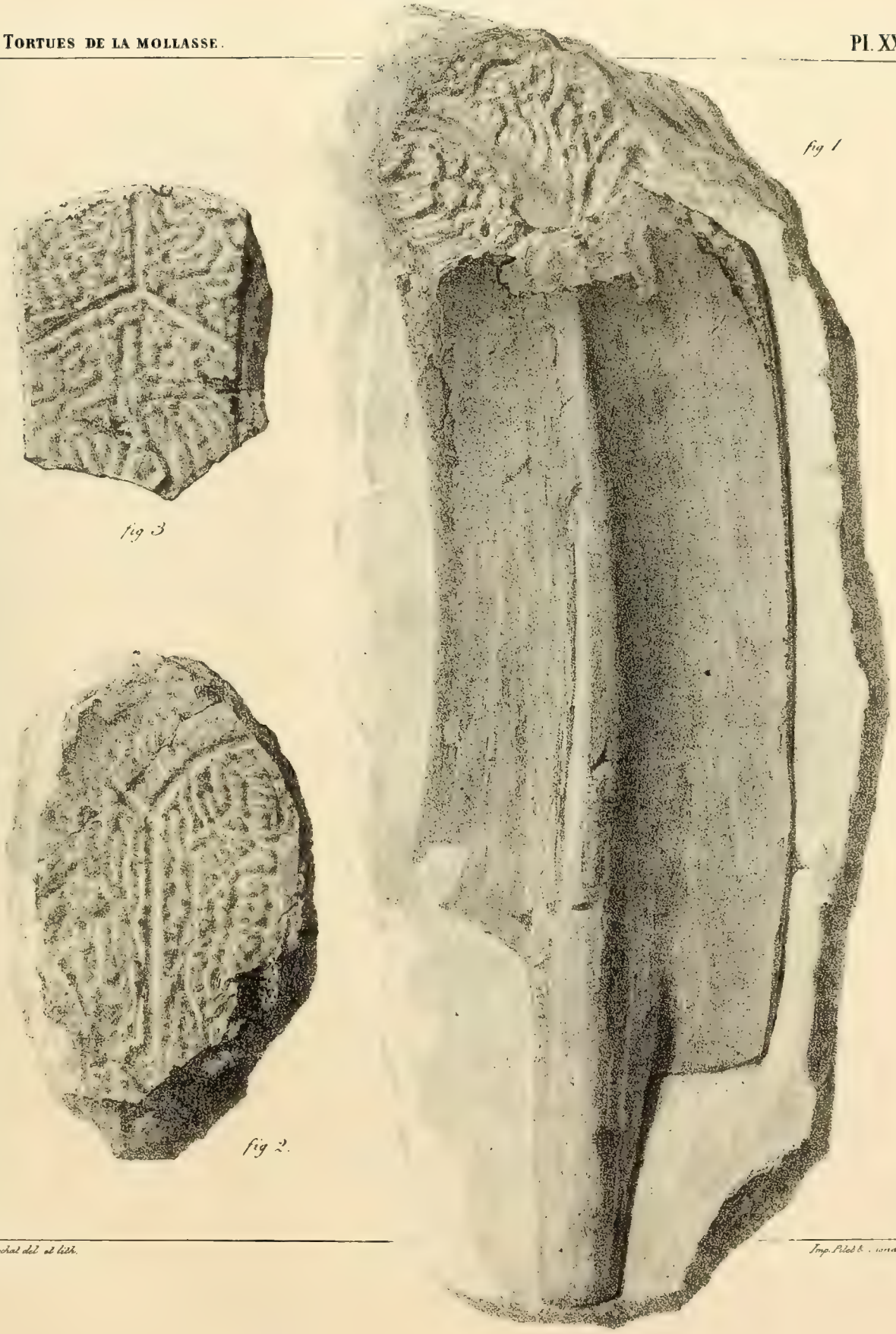


fig 1

fig 3

fig 2.

Porchat del. et lith.

Imp. Pilet & Renard

TRACHYASPIS.

fig. 1. a.

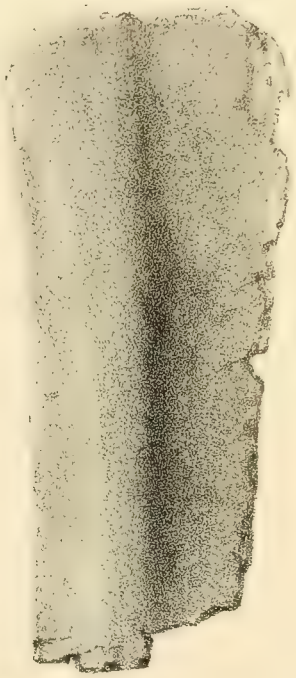


fig. 1. b.

fig. 2.

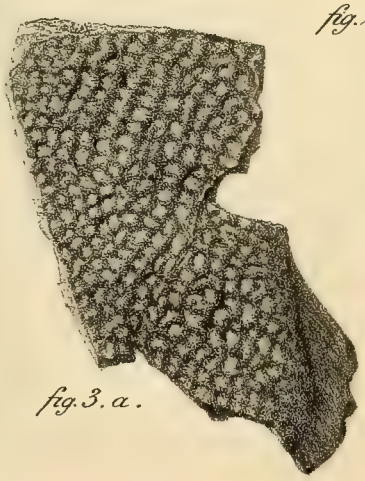


fig. 3. a.

fig. 3. b.

Porchat del. et lith. Imp. Pilet et Cagnard.

Fig. 1 et 2. Trionyx de la Mollasse d'Yverdon.

Fig. 3. Fragment de plastron d'une Trionyx ou Trachyaspis, de la Molière.

MATÉRIAUX POUR LA PALÉONTOLOGIE SUISSE

PUBLIÉS PAR

F.-J. PICTET

PROFESSEUR DE ZOOLOGIE ET D'ANATOMIE COMPARÉE

A L'ACADÉMIE DE GENÈVE.

DESCRIPTION

D'UNE

ÉMYDE NOUVELLE

(EMYS ETALLONI)

DU

TERRAIN JURASSIQUE SUPÉRIEUR DES ENVIRONS DE St-CLAUDE

PAR

F.-J. PICTET

ET

ALOÏS HUMBERT

CONSERVATEUR DU MUSÉE D'HISTOIRE NATURELLE.

GENÈVE

CHEZ J. KESSMANN, LIBRAIRE

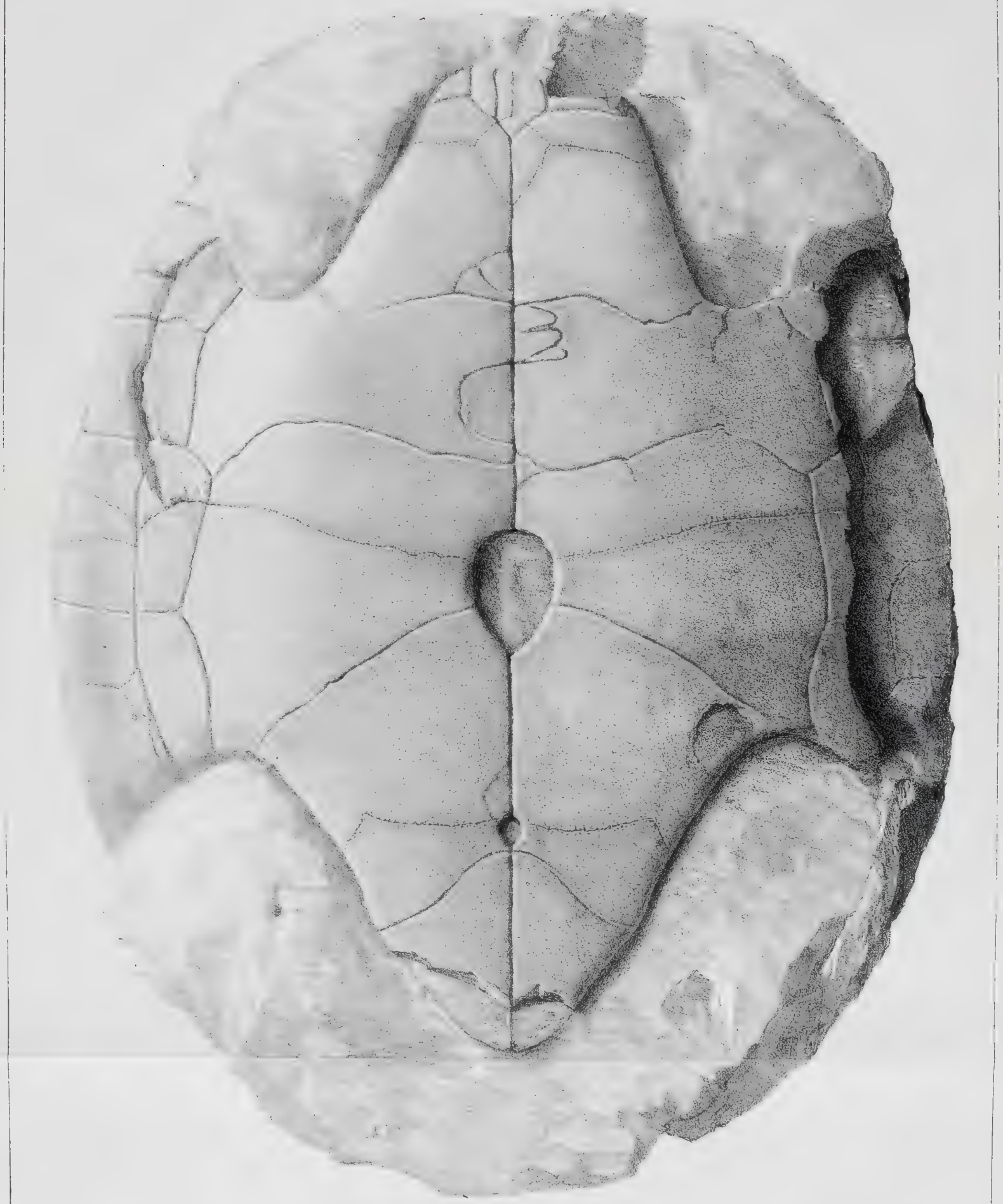
RUE DU RHONE

1857

EMYS ETALLONI, Pictet et Humbert,

(moitié de la grandeur naturelle.)

EMYS ETALLONI. PI. II.



Porchat del. et lith. *Imp. Pilet & Cougnard.*

EMYS ETALLONI, Pictet et Humbert,

(moitié de la grandeur naturelle.)

fig. 1.

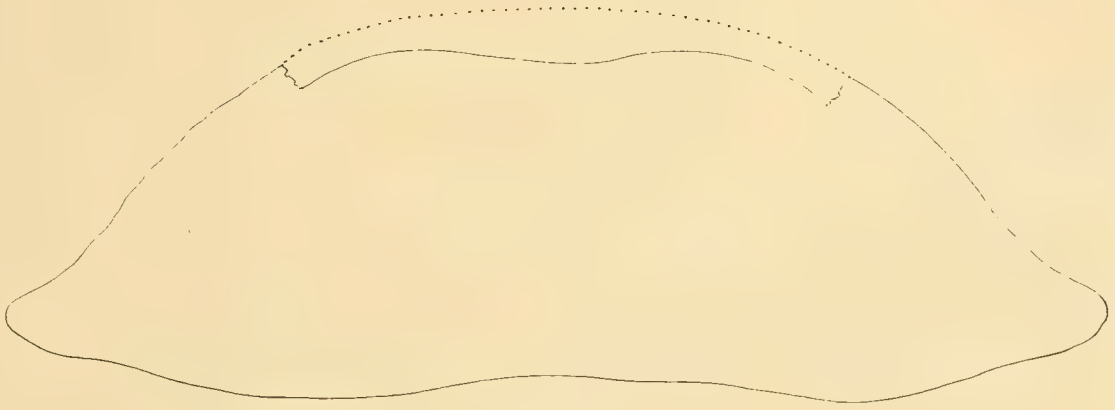


fig. 2.

Lith. Pillet & Cougnard.

EMYS ETALLONI, Pictet et Humbert

(un tiers de la grandeur naturelle.)

3 2044 107 322 471

Date Due

MAR 1973